

Volume

#

R0313

BOOK A-313

INDEX DIAGRAM.

Township S, Range W

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Meanders Page

PRELIMINARY OATHS OF ASSISTANTS.

WE, and
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

....., Chainman.

....., Chainman.

Subscribed and sworn to before me this }
day of , 190 }



WE, and
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

....., Moundman.

....., Moundman.

Subscribed and sworn to before me this }
day of , 190 }



WE, and
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

....., Axman.

....., Axman.

Subscribed and sworn to before me this }
day of , 190 }



I, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

....., Flagman.

Subscribed and sworn to before me this }
day of , 190 }



BOOK A-313

INDEX DIAGRAM.

Township 5, Range 3 W.

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Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

We, and do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

, Chainman.

, Chainman.

Subscribed and sworn to before me this
day of 190 }



We, and do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

, Moundman.

, Moundman.

Subscribed and sworn to before me this
day of 190 }



We, and do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

, Axman.

, Axman.

Subscribed and sworn to before me this
day of 190 }



I, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

, Flagman.

Subscribed and sworn to before me this
day of 190 }



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INDEX DIAGRAM.

Township 5, Range 2 W.

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PRELIMINARY OATHS OF ASSISTANTS.

We, and do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

....., Chainman.

....., Chainman.

Subscribed and sworn to before me this }
day of , 190 }



We, and do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

....., Moundman.

....., Moundman.

Subscribed and sworn to before me this }
day of , 190 }

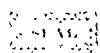


We, and do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

....., Arman.

....., Arman.

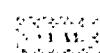
Subscribed and sworn to before me this }
day of , 190 }



I, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

....., Flagman.

Subscribed and sworn to before me this }
day of , 190 }



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INDEX DIAGRAM.

Township 2 S., Range 2 W.

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Meanders Page

PRELIMINARY OATHS OF ASSISTANTS.

We, and do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the stone; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

Chairman.

Chairman.

Subscribed and sworn to before me this }
day of , 190 }



We, and do solemnly swear that we will well and truly perform the duties of moundmen in the establishing of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

Moundmen.

Moundmen.

Subscribed and sworn to before me this }
day of , 190 }



We, and do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

Axmen.

Axmen.

Subscribed and sworn to before me this }
day of , 190 }



I, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

Flagman.

Subscribed and sworn to before me this }
day of , 190 }



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382	455	448	440	432	424
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Meanders Page

PRELIMINARY OATHS OF ASSISTANTS.

WE, and
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

....., Chainman.

....., Chainman.

Subscribed and sworn to before me this }
day of , 190 }



WE, and
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

....., Moundman.

....., Moundman.

Subscribed and sworn to before me this }
day of , 190 }



WE, and
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

....., Axman.

....., Axman.

Subscribed and sworn to before me this }
day of , 190 }



I, , do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

....., Flagman.

Subscribed and sworn to before me this }
day of , 190 }



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Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, and
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

....., Chairman.

....., Chairman.

Subscribed and sworn to before me this }
day of , 190 }



WE, and
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

....., Moundman.

....., Moundman.

Subscribed and sworn to before me this }
day of , 190 }



WE, and
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

....., Axman.

....., Axman.

Subscribed and sworn to before me this }
day of , 190 }



I, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

....., Flagman.

Subscribed and sworn to before me this }
day of , 190 }



BOOK A-313

INDEX DIAGRAM.

Township 4 S., Range 11 W.

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19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

371 370 369 368 367 366

Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

We, and

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the chain; that we will report the true distances to all notable objects, and the true lengths of all line, that we use, in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

Chainman.

Chairman.

Subscribed and sworn to before me this }
day of , 190 }



We, and

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

Moundman.

Masterman.

Subscribed and sworn to before me this }
day of , 190 }



We, and

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

Axman.

Masterman.

Subscribed and sworn to before me this }
day of , 190 }



I, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

Flagman.

Subscribed and sworn to before me this }
day of , 190 }



INDEX DIAGRAM.

Township 3 S., Range 9 W.					
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406 6 585 5	574 4 567 3	559 2 551 1			
585	584 574 566	558	551		
406 7 584 8 573 9	565 10 558 11 550 12				
583	582 572 565	557	549		
405 18 581 17 572 16	564 15 556 14 548 13				
580	580 571 564	556	548		
404 19 579 20 570 21	563 22 555 23 547 24				
578	578 569 562	554	546		
403 30 577 29 568 28	561 27 553 26 545 25				
576	576 568 561	553	545		
403 31 575 32 567 33	560 34 552 35 544 36				

Meanders Page.

PRELIMINARY OATHS OF ASSISTANTS.

12

and

I do solemnly swear that I will fully execute the duties of my office that will be given me, true, honest, and plumb the tally pins, fairly settling disputes, the same being done in accordance with the law, and the true lengths of all lines that are required, with skill and ability, and in accordance with written instructions given us, with

13

the oaths and oaths to before me this

1

day of

, 190

X

John Smith
John Smith

We,

and

do solemnly swear that we will well and truly perform the duties of mountmen in the combat element of our corps, according to the instructions given us, to the best of our skill and ability, in the

14

May

, 190

above signed and sworn to before me this

1

day of

, 190

X

John Smith
John Smith

We,

and

do solemnly swear that we will well and truly perform the duties of men in the combat element of our corps, according to instructions given us, to the best of our skill and ability, in the

15

1

day of

June

X

John Smith
John Smith

We,

do solemnly swear that we will well and

truly perform the duties of men in the combat element of our corps, according to the best of our skill and ability,

16

July

, 190

above signed and sworn to before me this

1

day of

July

X

John Smith
John Smith

BOOK A-313

INDEX DIAGRAM.

Township S., Range W.

506	6	5	4	3	2	1
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504	18	17	16	15	14	13
503	19	20	21	22	23	24
502	30	29	28	27	26	25
501	31	32	33	34	35	36

Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, and do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

....., Chairman.

....., Chairman.

Subscribed and sworn to before me this }
day of , 190 }



WE, and do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

....., Moundman.

....., Moundman.

Subscribed and sworn to before me this }
day of , 190 }



WE, and do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

....., Axman.

....., Axman.

Subscribed and sworn to before me this }
day of , 190 }



I, , do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

....., Flagman.

Subscribed and sworn to before me this }
day of , 190 }



4-679.

BOOK A-313

FILED

OCT 25 1904

AN.G.

FIELD NOTES

OF THE SURVEY OF THE

Subdivision

of

Township No. 1 South

Range No. 7 West

of the United Special Baseline Meridian,

In the state of Utah

AS SURVEYED BY

George C. Swan & Frederick C. Deenow, United States Deputy Surveyor

Under his Contract No. 278, dated September 10, 1892, 1892

Survey commenced March 31, 1904. 1890

Survey completed April 10, 1904. 1890

6-161

Locality 60.05-37
Date 20-25-1904
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NAMES AND DUTIES OF ASSISTANTS.

Alfred J. Peterson chainman

Oliver W. Leman " "

Louis Justeson monitor man

Lawrence Swan "

Marion Justeson " "

William Longenecker "

Fred C. Spedding flagman

BOOK A-313

INDEX DIAGRAM.

Township _____, Range _____

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

WE, Alfred J. Peterson and Oliver W. Larson,

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of Subdivisions of the 1.S.R. 2, 3rd N. 1st E. & 2 S.R. 2nd N. of the Uintah Special Base and meridian line of the state of Utah.

Alfred J. Peterson, Chairman.

Oliver W. Larson, Chairman.

Subscribed and sworn to before me this 31st
day of March, 18904.



WE, Louis Justeson

George D. Estman,

W. S. Deputy Surveyor

and Lawrence Swan

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of Subd. of 1.S.R. 2, 3rd N. 1st E. & 2 S.R. 2nd N. of the Uintah Special Base and meridian line of the state of Utah.

Louis Justeson, Moundman.

Lawrence Swan, Moundman.

Subscribed and sworn to before me this 31st
day of March, 18904.



WE, Marion Justeson and William Longenecker

George D. Estman,

W. S. Deputy Surveyor

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of Subd. P. 1.S.R. 2, 3rd N. 1st E. & 2 S.R. 2nd N. of the Uintah Special Base and meridian line of the state of Utah.

Marion Justeson, Axman.

William Longenecker, Axman.

Subscribed and sworn to before me this 31st
day of March, 18904.



I, Fred C. Weidner

George D. Estman,

W. S. Deputy Surveyor

, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of Subd. P. 1.S.R. 2, 3rd N. 1st E. & 2 S.R. 2nd N. of the Uintah Special Base and meridian line of the state of Utah.

Fred C. Weidner, Flagman.

Subscribed and sworn to before me this 31st
day of March, 18904.



George D. Estman,

W. S. Deputy Surveyor

SUBDIVISION OF T.1 S., R.7 W., U.S.B.& M.

CHAINS

Survey commenced March 31st., 1904, and executed with the instrument described in Book "A" of this survey. I examined the adjustments of the transit and find them correct; then to test the solar apparatus by comparing its indications resulting from solar observations made during p.m. and a.m. hours with the meridian determined by Polaris observations, I proceed as follows:

At the cor. of secs. 1, 2, 35, and 36, on S. bdy. of Tp.; Lat. $40^{\circ} 21' 07''$ N.; long. $110^{\circ} 40' 02''$ W., which is a sandstone 6x8x6 ins. above ground marked and witnessed as described by Deputies Stewart and Booth, under their contract No. 270;

At 4h. p.m. l.m.t. I set off $40^{\circ} 21' N.$ on lat. arc; $4^{\circ} 19' N.$ on decl. arc, and determine a true meridian with the solar, and mark a point thereof on a stone firmly set in the ground 5 chs. N. of my station.

At 0h. 43m. a.m. l.m.t. I observe Polaris at lower culmination in accordance with the Manual of Instructions. The meridian thus determined falls on a pole set on the mark determined by p.m. solar observation.

March 31, 1904.

April 1st., 1904, at 7h. a.m. l.m.t. I set off $4^{\circ} 34' N.$ on decl. arc; $40^{\circ} 21' N.$ on lat. arc, and determine a true meridian with the solar. The meridian thus determined falls on a pole set on the mark determined by p.m. solar and Polaris observation.

The solar apparatus by p.m. and a.m. hours defines position for meridian same as Polaris observations; Therefore I conclude the adjustments of the instrument are correct.

The magnetic bearing of the true meridian at 7h. 15m. a.m. l.m.t. is N. $17^{\circ} W.$ The angle thus determined gives the magnetic decl. $17^{\circ} E.$, from the cor. previously described, I run,

SUBDIVISION OF T.1 S., R.7 W., U.S.B.& M.

CHAINS	N. 0°01'W. bet. secs. 35 and 36
20.00	Desc. over mountainous land, through heavy pine and cedar. Ravine 600 ft. deep, course SW., asc. over broken sand stone ledges, bears NE. and SW.
28.00	Leave ledges. Ascend.
40.00	Set a sandstone 15x9x6 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor.; mkd. $\frac{1}{4}$ on W. face; from which A cedar 10 ins. diam. bears S. 77°E. 37 lks. dist. mkd. $\frac{1}{4}$ S 36 B T. A cedar 6 ins. diam. bears S. 75°W. 57 lks. dist. mkd. $\frac{1}{4}$ S 35 B T.
42.00	Spur ridge, bears NE. and SW. Descend. along broken W. slope.
80.00	Set a sandstone 16x10x7 ins. 11 ins. in the ground for cor. of secs. 25-26-35 and 36, mkd. 1 notch on S. and E. edges; from which A pine 12 ins. diam. bears N. 20°E. 51 lks. dist. mkd. T 1 S R 7 W S 25 B T. A pine 10 ins. diam. bears S. 49°E. 30 lks. dist. mkd. T 1 S R 7 W S 36 B T. A pine 8 ins. diam. bears S. 54°W. 21 lks. dist. mkd. T 1 S R 7 W S 35 B T. A pine 8 ins. diam. bears N. 10°W. 17 lks. dist. mkd. T 1 S R 7 W S 26 B T. Land mountainous. Soil stony; 3rd. and 4th. rate. Timber heavy pine and cedar. Mountainous land, and heavy timber. 80.00 chs.
40.00	N. 89°54'E. on a random line, bet. secs. 25 and 36 Set temp. $\frac{1}{4}$ sec. cor.
79.72	Intersect E. bdy. of Tp. 42 lks. N. of the cor. of secs. 25-30-31 and 36; which is a sandstone 10x4x6 ins. above

SUBDIVISION OF T.1 S., R.7 W., U.S.B.& M.

CHAINS	
	ground, firmly set, marked and witnessed as described under contract No. 270 Andrew J. Stewart Jr. and A.L. Booth, Deputy Surveyors.
	Thence I run,
	N. 89°48'W. on a true line, bet. secs. 25 and 36
	Desc. over mountainous land, through heavy pine and cedar timber.
26.70	Ledges, bear N. and S.
38.50	Ravine 500 ft. deep, course S. 10°E.
	Ascend.
39.70	Ledges and slide rock.
39.86	Impossible to set $\frac{1}{4}$ sec. cor.
47.70	Set a sandstone 14x10x9 ins. 10 ins. in the ground for W.C. to $\frac{1}{4}$ sec. cor., mkd. W C $\frac{1}{4}$ on N. face; 7.84 chs. W. of true point; from which A pine 15 ins. diam. bears N. 20°E. 12 lks. dist. mkd. W.C. $\frac{1}{4}$ S 25 B T. A pine 36 ins. diam. bears S. 15°E. 22 lks. dist. mkd. W.C. $\frac{1}{4}$ S 36 B T.
49.70	Spur ridge bears S. 40°W. and N. 40°E.; descend.
68.00	Ravine 500 ft. deep, course S.
	Ascend.
74.50	Leave ledges, bears NE. and SW., desc.
79.72	The cor. of secs. 25-26-35 and 36 Land mountainous. Soil stony; 3rd. and 4th. rate. Timber heavy pine and cedar. Mountainous land; heavy timber, 79.72 chs.
	<hr/> N. 0°01'W. bet. secs. 25 and 26 Asc. over mountainous land, through heavy cedar and pine timber.
50.00	Saddle of ridge bears N. and S. 20°E.

SUBDIVISION OF T.1 S., R.7 W., U.S.B.& M.

CHAINS 40.00	Set a sandstone 23x8x6 ins. 16 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; from which A pinon pine 20 ins. diam. bears N. $82\frac{1}{2}$ °E. 44 lks. dist. mkd. $\frac{1}{2}$ S 25 B T. A cedar 10 ins. diam. bears S. $81^{\circ}W.$ 9 lks. dist. mkd. $\frac{1}{4}$ S 26 B T.
80.00	Set a cobble stone 14x10x6 ins. 9 ins. in the ground for. cor. to secs. 23-24-25 and 26, mkd. 1 notch on E., and 2 notches on S. edge; from which A pine 10 ins. diam. bears N. $65^{\circ}E.$ 48 lks. dist. mkd. T 1 S R 7 W S 24 B T. A pine 16 ins. diam. bears S. $65^{\circ}E.$ 34 lks. dist. mkd. T 1 S R 7 W S 25 B T. A pine 14 ins. diam. bears S. $13^{\circ}W.$ 62 lks. dist. mkd. T 1 S R 7 W S 26 B T. A pine 12 ins. diam. bears N. $71^{\circ}W.$ 8 lks. dist. mkd. T 1 S R 7 W S 23 B T.
	Land mountainous. Soil stony; 3rd. and 4th. rate. Timber heavy cedar and pine. Mountainous land; heavy timber. 80.00 chs. April 1, 1904, at this corner I set off $4^{\circ}37'N.$ on decl. arc; and at 0h. 4'm. p.m. l.m.t. observe the sun on the meridian; the resulting lat. is $40^{\circ}23'N.$
40.00	S. $89^{\circ}48'E.$ on a random line, bet. secs. 24 and 25 Set temp $\frac{1}{4}$ sec. cor.
79.37	Intersect E. bdy. of Tp. 44 lks. N. of the cor. of secs. 19-24-25 and 30; which is a sandstone 5x9x5 ins. above ground, firmly set, marked and witnessed as described under contract No. 270 Andrew J. Stewart Jr. and A. L... Booth, Deputy Surveyors. Thence I run,

SUBDIVISION OF T.1 S., R.7 W., U.S.B.& M.

CHAINS	
	N. $89^{\circ}29'W.$ on a true line, bet. secs. 24 and 25
22.00	Desc. over mountainous land, through cedar and pine timber, and dense laurel and chokecherry brush. Ridge bears N and S.
36.00	Enter heavy cedar and pine, bears S.
39.37	Placing fractional distance in eastern half-mile, Set a sandstone 18x10x6 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; from which
	A pine 15 ins. diam. bears S. $20^{\circ}E.$ 29 lks. dist. mkd. $\frac{1}{4}$ S 25 B T.
	A pine 12 ins. diam. bears N. $15^{\circ}W.$ 63 lks. dist. mkd. $\frac{1}{4}$ S 24 B T.
52.00	Ravine 800 ft. deep, coarse S. Ascend.
64.00	Spur projects S., desc.
73.00	Ravine 150 ft. deep, coarse S. $30^{\circ}E.$ Ascend.
79.37	The cor. of secs. 23-24-25 and 26 Land mountainous. Soil stony; 2nd. and 4th. rate. Timber heavy cedar and pine. Mountainous land; heavy timber, and dense undergrowth. 79.37 chs.
	N. $0^{\circ}01'W.$ bet. secs. 23 and 24
	Asc. over mountainous land, through heavy cedar and pine timber.
18.00	Leave cedar and pine, bears E. and W.; enter dense sagebrush.
32.00	Junction of ridges; continue ascent along ridge.
40.00	Set a cobblestone 12x10x10 ins. 8 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
70.00	Ridge bears NE. and SW.
76.00	Descend.
80.00	Set a sandstone 15x12x4 ins. 10 ins. in the ground for cor. of secs. 13-14-23 and 24, mkd. 1 notch on E., and

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CHAINS

- 3 notches on S. edge; from which
 A sandstone ledge 15x10x5 ft. bears S. 68°W. 20 lks. dist.
 mkd. T 1 S R 7 W S 25 R 0, with a cross.
 Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
 Land mountainous.
 Soil stony; 4th. rate.
 Timber heavy cedar and pine.
 Mountainous land; heavy timber, and dense undergrowth.
 80.00 chs. April 1, 1904.
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- April 2, 1904, at 7h. a.m. l.m.t. I set off 40°24'N. on
 lat. arc; 4°57'W. on decl. arc, and determine a true meri-
 dian with the solar, at the cor. of secs. 13-14-23 and
 24;
 Thence I run,
 S. 89°29'E. on a random line, bet. secs. 13 and 24
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.00 Intersect E. bdy. of Tp. 37 lks. N. of the cor. of secs.
 13-18-19 and 24; which is a quartzite stone 12x8x6 ins.
 above ground, firmly set, marked and witnessed as descri-
 bed under contract No. 270 Andrew J. Stewart.Jr., and A.L.
 Booth, Deputy Surveyor Thence I run,
 N. 89°13'W. on a true line, bet. secs. 13 and 24
 Asc. over mountainous land, through heavy pine and aspen.
 8.50 Ridge bears N. and S., descend.
 11.00 Leave timber, enter dense oak and sage brush.
 19.00 Ravine 300 ft. deep, course S. 20°W., enter aspen timber.
 Ascend.
 72.00 Leave aspen timber, bear E. and W.
 34.00 Spur projects S., descend.
 Placing fractional dist. in the eastern $\frac{1}{2}$ mile.
 79.00 Set a cobblestone 15x10x8 ins. 10 ins. in the ground for
 $\frac{1}{2}$ sec. cor., mkd. $\frac{1}{4}$ on N. face, and raise a mound of
 stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.

SUBDIVISION OF T.1 S., R.7 W., U.S.R.& M.

CHAINS	
44.00	Ravine 100 ft. deep, course S. 20°E. Ascend.
49.50	Ridge bears N. and S. Descend.
67.00	Ravine 200 ft. deep, course S. Ascend.
74.00	Ridge bears NE. and SW.
79.00	The cor. of secs. 13-14-23. and 24 Land mountainous. Soil stony; 3rd. and 4th. rate. Timber heavy aspen and pine. Mountainous land; heavy timber, and dense undergrowth. 79.00 chs.
	N. 0°01'W. bet. secs. 13 and 14 Desc. over mountainous land, through dense sage, laurel and chokecherry brush.
39.80	Ravine 700 ft. below sec. cor., course S. 20°W. Ascend.
40.00	Set a cobblestone 15x12x8 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
47.00	Ridge bears NE. and SW. Descend.
72.30	Ravine drains SW.
80.00	Set a cobblestone 15x9x6 ins. 10 ins. in the ground for cor. of secs. 11-12-13 and 14, mkd. with 1 notch on E., and 4 notches on S. edge, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land mountainous. Soil stony; 4th. rate. No timber. Mountainous land, and dense undergrowth. 80.00 chs.

SUBDIVISION OF T.1 S., R.7 W., U.S.B.& M.

CHAINS	S. $89^{\circ}15' E.$ on a random line, bet. secs. 12 and 13
40.00	Set temp. $\frac{1}{2}$ sec. cor.
78.75	Intersect E. bdy. of Tp. 30 lks. N. of the cor. of secs. 7-12-13 and 18, which is a sandstone $12x8x3$ ins. above ground, firmly set, marked and witnessed as described, under contract No. 270 Andrew J. Stewart Jr. and A. L. Booth, Deputy Surveyors.
	Thence I run,
	N. $89^{\circ}00' W.$ on a true line bet. secs. 12 and 13
	Asc. over mountainous land,
19.00	Ridge bears N. and S. Descend.
	Placing fractional dist. in the eastern $\frac{1}{2}$ mile.
38.75	Set a sandstone $18x12x3$ ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
42.25	Enter aspen and chokecherry brush.
44.40	Desc. over bluffs.
53.00	Ravine 400 ft. below ridge, course S.
	Ascend.
57.00	Leave aspen, bear N. and S., enter dense sage brush.
66.00	Ridge bears NE. and SW.
	Descend.
72.80	Ravine 300 ft. deep, course SW.
	Ascend.
78.75	The cor. of secs. 11-12-13 and 14
	Land mountainous.
	Soil stony; 3rd. and 4th. rate.
	Timber aspen; dense undergrowth.
	Mountainous land; heavy timber, and dense undergrowth.
78.75 chs.	
	April 2, 1904, at this cor. I set off $5^{\circ}00' N.$ on decl. arc, and at 0h.4m. p.m. 1.m.t. observe the sun on the meridian; the resulting lat. is $40^{\circ}25' N.$

SUBDIVISION OF T.L.S., R.7 W., U.S.B.& M.

CHAINS	
	N. 0°01'W. bet. secs. 11 and 12
	Asc. over broken mountainous land, through dense sage and laurely brush.; bds. N. and W.
13.00	Enter heavy aspen, bear E. and W.
17.00	Leave aspen timber, top of ridge, bears NE. and SW. Descend.
21.00	Enter aspen and dead fallen timber, bears NE. and SW.
40.00	Set a sandstone 20x10x6 ins. 15 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; from which An aspen 7 ins. diam. bears N. 25°E. 48 lks. dist. mkd. $\frac{1}{4}$ S 12 B T.
	An aspen 5 ins. diam. bears N. $53\frac{1}{2}$ °W. 92 lks. dist. mkd. $\frac{1}{4}$ S 11 B T.
65.70	Spring branch 1 lk. wide, course SW.
80.00	Set a cobblestone 14x12x10 ins. 10 ins. in the ground for cor. of secs. 1-2-11 and 12, mkd. 1 notch on E., and 5 notches on S. edge; from which. An aspen 6 ins. diam. bears N. 71°E. 11 lks. dist. mkd. T 1 S R 7 W S 1 B T.
	An aspen 4 ins. diam. bears S. 76°E. 25 lks. dist. mkd. T 1 S R 7 W S 12 B T.
	An aspen 6 ins. diam. bears S. 85°W. 7 lks. dist. mkd. T 1 S R 7 W S 11 B T.
	An aspen 6 ins. diam. bears N. 51°W. 3 lks. dist. mkd. T 1 S R 7 W S 2 B T.
	Land mountainous.
	Soil loam and stony; 2nd. and 3rd. rate.
	Timber heavy aspen.
	Mountainous land; heavy timber, and dense undergrowth.
80.00	chs.
	S. 89°00'E. on a random line, bet. secs. 1 and 12
40.00	Set temp. $\frac{1}{4}$ sec. cor.
78.60	Intersect E. bdy. of Tp. 37 lks. N. of the cor. of secs.

SUBDIVISION OF T.1 S., R.7 W., U.S.B.& M.

CHAINS	1-6-7 and 12, which is a sandstone 12x8x4 ins. above ground, firmly set, marked and witnessed as described under contract No. 270 Andrew J. Stewart Jr. and A. L. Booth, Deputy Surveyor:
	Thence I run,
	N. $88^{\circ}44'W.$ on a true line, bet. secs. 1 and 12
	Asc. over mountainous land, through heavy pine and aspen timber, and dense sage, chokecherry and laurel brush..
9.00	Ridge and top of mountain, bears NE. and SW.
	Descend.
	Placing fractional dist. in the eastern $\frac{1}{2}$. mile.
38.60	Set a sandstone 15x10x5 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; from which
	An aspen 10 ins. diam. bears S. $8^{\circ}E.$ 6 lks. dist..
	mkd. $\frac{1}{4}$ S 12 B T.
	An aspen 8 ins. diam. bears N. $8^{\circ}W.$ 15 lks. dist..
	mkd. $\frac{1}{4}$ S 1 B T.
78.60	600 ft. below ridge, the cor. of secs. 1-2-11 and 12 Land mountainous.
	Soil stony; 3rd. and 4th. rate.
	Timber heavy pine and aspen.
	Mountainous land; heavy timber, and dense undergrowth.
78.60 chs.	

	N. $0^{\circ}01'W.$ bet. secs. 1 and 2
	Desc. over mountainous land, through heavy aspen timber.
2.00	Leave aspen, ravine, course S. $60^{\circ}W.$, 200 ft. deep.
	Ascend.
8.70	Ridge bears N. $65^{\circ}E.$ and S. $65^{\circ}W.$, leave aspen timber.
	Descend.
12.60	Leave pine timber, bears W and S.
20.00	Ravine 400 ft. deep, course S. $60^{\circ}W.$, leave aspen timber.
	Ascend.

SUBDIVISION OF T.1 S.R.7 W., U.S.B.& M.

Chains
 36.00 Enter scrubby aspen timber.
 40.00 Set a cobblestone 16x10x8 ins.11 ins.in the ground for
 $\frac{1}{4}$ sec.cor.,marked $\frac{1}{4}$ on W.face;and raise a mound of stone
 2 ft.base $1\frac{1}{2}$ ft.high W.of cor.
 53.00 Ridge bears E.and W.
 Descend.
 86.25 Spring branch 2 lks.wide,ravine 150 ft.deep, course SW.
 Ascend.
 91.50 Intersect Uintah Special Base Line 18.23 chs.W.of stand-
 ard $\frac{1}{4}$ sec.cor.of sec.36,which is a trachyte stone 6x10
 x10 ins.above ground firmly set and marked and witnessed
 as described by Deputy Francis M.Lyman Jr.,under his
 contract No.274.
 Set a sandstone 16x9x8 ins.11 ins.in the ground for
 closing cor.of secs.1 and 2,marked C C on S.,1 groove
 on E.and 5 grooves on W.face;and raise a mound of stone
 2 ft.base $1\frac{1}{2}$ ft.high S.of cor.
 Land mountainous.
 Soil stony;2d and 4th rate.
 Timber heavy aspen.
 Mountainous land,heavy timber cor dense undergrowth
 91.50 chs.

April 2, 1904.

April 3:At 7 h.0 m.a.m.l.m.t.I set off $5^{\circ}20'N.$ on decl.
 arc; $40^{\circ}21'N.$ on lat.arc;and determine a meridian with the
 solar at the cor.of secs.2,3,34, and 35 on S.bdy.of Tp.,
 which is a sandstone 8x6x4 ins.above ground,firmly set
 and marked and witnessed as described by Deputies Stew-
 art and Booth under their contract No.270.
 Thence I run

N. $0^{\circ}02'W.$ bet.secs.34 and 35

Over broken land;through scattering cedar timber.
 40.00 Land subject to slide; $\frac{1}{4}$ cor.not set.
 44.00 Ravine 200 ft.deep, course SW.

SUBDIVISION OF T. 1. S. R. 7 W.-U. S. B. & M.

	Chains. Ascend.
52.00	Top of steep slide,bears NE.and SW.
52.50	On top of spur ridge bears SW., and NE. Set a cobblestone 16x10x10 ins.11 ins.in the ground for witness cor.to $\frac{1}{4}$ sec.cor.,marked W C $\frac{1}{4}$ on W.face;from which A cedar 24 ins.diam.bears S.86°W.20 lks.dist. marked W C $\frac{1}{4}$ S 34 B T A cedar 5 ins.diam.bears N.30°E.16 lks.dist. marked W C $\frac{1}{4}$ S 35 B T
69.00	Steep descent.
76.50	Gulch 300 ft.deep.course SW.;ascend.
80.00	On sharp spur ridge projects SW., Set a sandstone 15x10x6 ins.10 ins.in the ground for cor.of secs.26,27,34, and 35,marked with 2 notches on E. and 1 notch on S.edge;and raise a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft.high W.of cor. Land mountainous. Soil stony;3d rate. Timber scattering cedar. Mountainous land and scattering cedar 80.00 chs.
40.00	N.89°54'E.on a random line betsecs.26 and 35 Set temp. $\frac{1}{4}$ sec.cor.
80.06	Intersect N.and S.line 7 lks.N.of the cor.of secs.25,26, 35, and 36.Thence I run S.89°57'W.on a true line betsecs.26 and 35 Ascend over mountainous land;through heavy pine and cedar timber.
11.50	Spur ridge bears N.30°E.and S.30°W. Descent.
35.00	Leave cedar and pine timber bears N.75°E.and S.75°W.
40.03	Set a sandstone 13x10x5 ins.9 ins.in the ground for $\frac{1}{4}$ sec.cor.,marked $\frac{1}{4}$ on N.face;and raise a mound of stone 2 ft.base 1 $\frac{1}{2}$ ft.high N.of cor.

SUBDIVISION OF T.1S., R.7 W., U.S.B.& M.

CHAINS	
43.50	Ravine 200 ft. deep, course S. 60° W. Ascend.
50.00	Enter cedar and pine timber, bears SW.
60.00	Spur projects SW. Descend.
66.00	Ravine 250 ft. deep, course SW. Ascend.
71.00	Ridge bears N. and S. Descend.
75.50	Ravine 400 ft. below ridge, course S.W.; Ascend.
80.06	The cor. of secs. 26-27-34 and 35 Land mountainous. Soil stony; 3rd. rate! Timber pine and cedar. Mountainous land; heavy timber, and dense undergrowth. 80.06 chs.
	N. $0^{\circ}02'$ W. bet. secs. 26 and 27 Asc. over broken clay hills, along spur; through timber.
3.70	Leave spur. Descend.
14.00	Ravine 300 ft. deep, course S. 20° W. Ascend.
35.00	Side of spur.
40.00	Set a cobblestone 16x12x4 ins. 11 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; from which A pinon 8 ins. diam. bears S. 40° E. 14 lks. dist. mkd. $\frac{1}{4}$ S 26 B T. A pinon 8 ins. diam. bears S. 85° W. 42 lks. dist. mkd. $\frac{1}{4}$ S 27 B T..
48.00	Ridge, bears N. 20° E. and S. 20° W. Descend.
63.00	Steep descent.

SUBDIVISION OF T.L.S., R.7 W., U.S.B.& M.

CHAINS
67.00

Ravine 300 ft. deep, course SW.

Ascend.

80.00

Set a cobblestone 15x10x5 ins. 10 ins. in the ground for cor. of secs. 22-23-26 and 27, mkd. 2 notches on S. and E. edges; from which

A cedar 5 ins. diam. bears N. 27°E. 39 lks. dist.
mkd. T 1 S R 7 W S 23 B T.A pine 8 ins. diam. bears S. 21°E. 18 lks. dist.
mkd. T 1 S R 7 W S 26 B T.A cedar 4 ins. diam. bears S. 76°W. 30 lks. dist.
mkd. T 1 S R 7 W S 27 B T.A pine 8 ins. diam. bears N. 48°W. 65 lks. dist.
mkd. T 1 S R 7 W S 22 B T.

Land mountainous.

Soil stony; 4th. rate.

Timber cedar and pinon.

Mountainous; land, heavily timbered. 80.00' elev.

April 3, 1904, at this cor. I set off 5°23'N. on decl. arc, and at 0h. 3m. p.m. l.m.t. observe the sun on the meridian; the resulting lat. is 40°23'N.

40.00

N..89°57'E.. on a random line, bet. secs. 23 and 26

Set temp. $\frac{1}{4}$ sec. con.

80.08

Intersect N. and S. line 7 lks. N. of the cor. of secs. 23-24-25 and 26.,

Thence I run,

..... W. on a true line, bet. secs. 23 and 26

Asc...over mountainous land, through heavy cedar and pine timber..

3.00

Spur projects S., broken sandstone ledges, bear N. and S.

Descend. down S..

9.00

Ravine 300 ft. deep, course S.

Ascend.

16.00

Spur projects S.

Descend.

SUBDIVISION OF T.1 S., R.7 W., U.S.B.& M.

CHAINS 29.75	$\frac{1}{4}$ cor. will fall on ledges, impossible to set. Set a sandstone 16x9x6 ins. 11 ins. in the ground for W.C. to $\frac{1}{4}$ sec. cor., mkd. W.C $\frac{1}{4}$ on N. face; from which A pine 14 ins. diam. bears N. 65° E. 21 lks. dist.. mkd. W.C $\frac{1}{4}$ S 23 B.T. A pine 18 ins. diam. bears S. 26 lks. dist. mkd. W.C $\frac{1}{4}$ S 26 B.T. Ledges; $\frac{1}{4}$ sec. cor. not set.. Ravine 400 ft. deep, course S. Ascend. Spur projects S. Descend. Ravine 200 ft. deep, course SW. Ascend. The cor. of secs. 22-23-26, and 27 Land mountainous. Soil stony; 4th. rate. Timber cedar and pine. Mountainous land, and heavy timber. 80.08 chs.
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	N. $0^{\circ}02'$ W. bet. secs. 22 and 23 Desc. over broken land and boulders, and heavy cedar and pine timber. Ravine 50 ft. deep, course SW. Ascend. Spur projects SW. Descend. Ravine 100 ft. deep, course SW. Ascend. Set a cobblestone 16x8x5 ins. 11 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; from which A cedar 15 ins. diam. bears N. 16° E. 13 lks dist.. mkd. $\frac{1}{4}$ S 23 B.T. A pine 12 ins. diam. bears S. 74° W. 38 lks. dist. mkd. $\frac{1}{4}$ S 22 B.T.
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SUBDIVISION OF T.1 S., R.7 W., U.S.B.& M.

CHAINS	On spur projects SW.
	Descend.
47.00	Ravine, course S. 60° W., 300 ft. deep.
	Ascend.
76.00	Leave timber, bears E. and W.
80.00	In small basin, set a sandstone 20x10x8 ins. 15 ins. in ground for cor. of secs. 14-15-22 and 23, mkd. 2 notches on E., and 3 notches on S. edge, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
	Land mountainous.
	Soil stony; 4th. rate.
	Timber cedar and pine.
	Mountainous land, and heavy timber. 80.00 ohs.

April 3, 1904.

April 4, 1904, at 7h.a.m. l.m.t. I set off $40^{\circ}24'N.$ on lat. arc; $5^{\circ}43'N.$ on decl. arc, and determine a true meridian with the solar, at the cor. of secs. 14, 15, 22, and 23.
Thence I run,

	E. on a random line, bet. secs. 14 and 23
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. and S. line. 9 lks. S. of the cor. of secs. 13-14-23 and 24, Thence I run,
	S. $89^{\circ}56'W.$ on true line, secs. 14 and 23
	Desc. over broken land.
24.00	Ravine 100 ft. deep, course S. 20° W.
	Ascend.
36.00	Ridge bears N. and S.
	Descend.
40.02	Set a sandstone 18x9x5 ins. 12 ins. in the ground for $\frac{1}{2}$ sec. cor., mkd. $\frac{1}{2}$ on N. face; and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.

SUBDIVISION OF T.1 S., R.7 W., U.S.R. & M.

CHAINS	
52.00	Enter heavy cedar and pine timber.
62.25	Ravine 300 ft. deep, course S. Ascend.
73.60	Spur projects SW. Descend.
74.50	Leave timber, enter dense sage brush.
80.04	The cor. of secs. 14-15-22 and 23; 700 ft. below $\frac{1}{2}$ sec. c.s. Land mountainous. Soil stony; 4th. rate. Timber cedar and pine. Mountainous land; heavy timber and dense undergrowth. 80.04 c.s.
	N. 0°02'W. bet. secs. 14 and 15 Anc. over mountainous land.
5.00	Enter cedar and pine timber, bears NE. and SW.
6.00	Ridge bears NE. and SW. Descend.
27.00	Ravine 300 ft. deep, course SW. Ascend.
40.00	Set a limestone 16x8x5 ins. 11 ins. in the ground for $\frac{1}{2}$ sec. cor., mkd. $\frac{1}{2}$ on W. face; from which A pine 12 ins. diam. bears S. 60°E. 9 lbs. dist. mkd. $\frac{1}{2}$ S 14 B T. A pine 8 ins. diam. bears N. 30°W. 10 lbs. dist. mkd. $\frac{1}{2}$ S 15 B T.
65.00	Ridge bears E. and W., leave timber. Descend, through dense sage and squaw brush.
80.00	Set a sandstone 18x12x7 ins. 12 ins. in the ground for cor. of secs. 10-11-14 and 15, mkd. with 2 notches on E. and 4 notches on S. edge, and raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor. Land mountainous. Soil stony; 3rd. and 4th. rate.

SUBDIVISION OF T. 1 S., R. 7 W., U.S.B.& M.

CHAINS

Timber cedar and pine.

Mountainous land; heavy timber, and dense undergrowth.

30.00 chs.

N. $39^{\circ}56' E.$ on a random line, bet. secs. 11 and 14

40.00 Set temp. $\frac{1}{4}$ sec. cor.

30.08 Intersect N. and S. line 9 lks. N. of the cor. of secs. 11-12-13 and 14,

Thence I run,

W. on a true line, bet. secs. 11 and 14

Asc. over mountainous land, through dense squaw brush.

15.00 Ridge bears NE. and SW.

Descend.

25.00 Hollow, course SW., enter heavy aspen timber.

Ascend.

40.04 Set a limestone 14x10x6 ins. $\frac{1}{2}$ ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; from which

An aspen $\frac{1}{2}$ ins. diam. bears N. $47^{\circ} E.$ 23 lks. dist.

mkd. $\frac{1}{4}$ S 11 B T.

An Aspen 4 ins. diam. bears S. $35^{\circ} W.$ 26 lks. dist.

mkd. $\frac{1}{4}$ S 14 B T.

April 4, 1904, at this cor. I set off $5^{\circ}46' N.$ on decl. arc, and at 0h. 3m. p.m. l.m.t.. observe the sun on the meridian; the resulting lat. is $40^{\circ}25' N.$

44.00 Ridge bears NE. and SW.

Descend.

76.75 Leave aspen timber, desc, through dense squaw brush.

80.03 The cor. of secs. 10-11-14 and 15

Land mountainous.

Soil stony; 4th. rate.

Timber aspen.

Mountainous land; heavy timber, and dense undergrowth.

50.08 chs.

SUBDIVISION OF T.1 S., R.7 W., U.S.B.& M.

CHAINS	
	N. $0^{\circ}02'W$. bet. secs. 10 and 11
	Desc. over mountainous land, through dense squaw, and sage brush.
8.00	Ravine 500 ft. deep, course SW. Ascend.
9.00	Spur projects SW. Descend.
10.00	Hollow, course SW. Ascend.
40.00	Set a limestone 16x10x6 ins. 11 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
70.00	Ridge bears NE. and SW. Descend.
80.00	Set a sandstone 16x12x6 ins. 11 ins. in the ground for cor of secs. 2-3-10 and 11, mkd. with 2 notches on E., and 5 notches on S. edge; and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land mountainous. Soil stony; 4th. rate. No timber. Mountainous land, and dense undergrowth. 80.00 chs.
40.00	E. on a random line, bet. secs. 2 and 11 Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. and S. line 14 lks. N. of the cor. of secs. 1-2-11 and 12, Thence I run,
	N. $89^{\circ}54'W$. on a true line, bet. secs. 2 and 11 Desc. over mountainous land, through heavy aspen, and fallen timber.
12.00	Ravine 200 ft. deep, below cor.; course SW.; leave aspen, enter dense squaw, chokecherry and sage brush., asc.

REPORT OF T. J. M. D. W., 1900.

WYOMING, APRIL 7, 1900.

SUMMARY.

There is limestone 120000 lbs. to the cu. ft. less account for
the water, which is at the face, and takes a weight of
about 2 lbs. per cu. ft. at the base, 14 cu. ft. high & 100 ft.
square at base. 20-10 and 11.

GRANITE, MARBLE, ETC.

GRANITE, ETC. ETC.

GRANITE, ETC.

GRANITE, MARBLE, AND OTHER MATERIALS. \$0.04 lbs.

APRIL 4, 1900.

April 4, 1900, at 92, and took 1 net off roadway, on
top, about 10000 cu. ft. each sec., and determining a train
quantity with the scale, at the rate of 1000. Found out
that,

GRANITE, ETC.

GRANITE, MARBLE, ETC. ETC. ETC.
GRANITE, MARBLE, ETC. ETC. ETC.

GRANITE, MARBLE, ETC. ETC. ETC.

GRANITE, ETC.

GRANITE, MARBLE, ETC.

GRANITE, ETC.

GRANITE, MARBLE, ETC. ETC. ETC.

GRANITE, ETC.

There is limestone about having 100. 11 lbs. in the ground
size & parts, which is at the face, and takes a weight of
about 2 lbs. per cu. ft. at the base, 14 cu. ft. high & 100 ft.
square at base.

GRANITE, MARBLE, ETC. ETC. ETC.

GRANITE, ETC.

GRANITE, MARBLE, ETC. ETC. ETC.

GRANITE, ETC.

SUBDIVISION OF T. 1 S. R. 7 W.-U.S.R.& M.

	Chains.	
90.77		Intersect Uintah Special Base line 18.26 chs. W. of standard $\frac{1}{4}$ sec.cor. of sec. 35, which is a trachyte stone 4x8x4 ins. above ground, firmly set and marked and witnessed as described by Deputy Francis M. Lyman Jr., under his contract No. 274,
		Set a limestone 16x12x6 ins. 11 ins. in the ground for closing corner of secs. 2 and 3, marked C C on S., with 2 grooves on E. and 4 grooves on W. face; from which
		An aspen 4 ins. diam. bears S. 35° E. 64 lks. dist. marked T 1 S R 7 W S 2 B T
		An aspen 4 ins. diam. bears S. 20° W. 102 lks. dist. marked T 1 S R 7 W S 3 B T
		Land mountainous.
		Soil stony; 2d and 4th rate.
		Timber aspen.
		Mountainous land; heavy timber and dense undergrowth 90.77 chs.
		From the corner of secs. 3, 4, 33, and 34 on S. bdy. of Tp., which is a quartzite stone 10x5x6 ins. above ground, firmly set and marked and witnessed as described by Deputies Stewart and Booth, under their contract No. 270, I run
		N. 0° 02' W. bet. secs. 33 and 34
		Over rolling land; through dense sagebrush.
40.00		Set a cobblestone 16x8x6 ins. 11 ins. in the ground for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ on W. face; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
59.30		Enter heavy cedar and pine timber, bears. NW. and SE.; steep ascent.
63.50		Spur projects S. W.; descend.
66.00		Leave timber bears NE. and SW.
67.00		Ravine 100 ft. deep, course SW.
		Ascend.
77.25		Enter heavy cedar and pine timber, bears NE. and SW.

SUBDIVISION OF T.1 S.R.7 W.U.S.B.& H.

Chains.

20.00 Set a cobblestone 14x12x8 ins.9 ins.in the ground for cor.of secs.27,28,33, and 34,marked $\frac{1}{2}$ notches on E.and $\frac{1}{2}$ notch on S.edge;from which

A pine 14 ins.diam.bears S. $44^{\circ}E$.35 lks.dist.

marked T 1 S R 7 W S 34 B T

A cedar 8 ins.diam.bears N. $25\frac{1}{2}^{\circ}E$.83 lks.dist.

marked T 1 S R 7 W S 27 B T

A cedar 8 ins.diam.bears N. $24^{\circ}W$.74 lks.dist.

marked T 1 S R 7 W S 28 B T

A pine 24 ins.diam.bears S. $40^{\circ}W$.62 lks.dist.

marked T 1 S R 7 W S 33 B T

Land mountainous and rolling.

Soil stony;2d and 4th rate.

Timber cedar and pine.

Mountainous land,heavy timber or dense undergrowth
80.00 chs.

Apr.5:At the noon hour sky overcast;solar observation impossible.

N. $89^{\circ}54' E$.on a random line betsecs.27 and 34

Set temp. $\frac{1}{4}$ sec.cor..

Intersect.N.and S.line 5 lks.N.of the cor.of secs.26,27
34, and 35.Thence I run

S. $89^{\circ}56' W$.on a true line betsecs.27 and 34

Ascend steep slide rock.

Descend from spur,over broken land.

Ravine 300 ft.deep,course SW.;ascend.

Spur projects SW.;descend.

Ravine 300 ft.deep,course SW.;ascend.

Spur projects S.;enter heavy pine and cedar timber.
Descend.

Dry wash 10 ft.deep,course SW;in hollow.

Set a cobblestone 14x12x10 ins.9 ins.in the ground for
 $\frac{1}{2}$ sec.cor.,marked $\frac{1}{2}$ on N.Face;from which

A cedar 8 ins.diam.bears N. $20^{\circ}E$.61 lks.dist.

marked $\frac{1}{2}$ S 27 B T

SUBDIVISION OF T.1 S., R.7 W., U.S.B.& M.

CHAINS	
	A cedar 8 ins. diam. bears S. $11\frac{1}{2}$ °E. 38 lks. dist. mkd. $\frac{1}{4}$ S 34 R T.
	April 5, 1904, at this cor. I set off $6^{\circ}09'N.$ on decl. arc, and at 0h. 3m.. p.m. l.m.t. observe the sun on the meridian; the resulting lat. is. $40^{\circ}22'N.$
41.50	Leave timber, enter dense sage, bears N. and S.
50.40	Road bears N. $30^{\circ}E.$ and S. $30^{\circ}W.$, enter cedar and pine timber.
56.55	Dry wash 12 ft. deep, 30 lks. wide, course SW.; in hollow.
68.00	Dry wash 10 ft. deep, course SW.
79.94	The cor. of secs. 27-28-33 and 34 Land mountainous. Soil stony; 3rd. and 4th. rate. Timber cedar and pine. Mountainous land; heavy timber, and dense undergrowth. 79.94 chs.
	N. $0^{\circ}02.$ W. bet. secs. 27 and 28 Asc. over mountainous. land, through heavy cedar and pine timber.
3.25	Dry wash, course SE. ;in hollow.
33.70	Spur 200 ft. above cor., projects E., leave timber. Descend.
36.00	Dry wash 10 ft. deep, course S. $50^{\circ}W.$; in hollow.
40.00	Set a cobblestone 13x8x5.ins. 9 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
43.10	Enter heavy cedar and pine timber, bears NW. and SE.
80.00	Set a cobblestone 16x10x8 ins. 11 ins. in the ground for cor. of secs. 21-22-27 and 28, mkd. 3 notches on E., and 2 notches on S. edge; from which A pine 20 ins. diam. bears N. $25^{\circ}E.$ 94 lks. dist. mkd. T 1 S R 7 W S 22 B T.

SUBDIVISION OF T.1 S., R.7 W., U.S.B.& M.

CHAINS	<p>A pine 24 ins. diam. bears S. $72\frac{1}{2}$^oE. 51 lks. dist. mkd. T 1 S R 7 W S 27 B T.</p> <p>A pine 12 ins. diam. bears S. 88°W. 19 lks. dist. mkd. T 1 S R 7 W S 28 B T..</p> <p>A pine 20 ins. diam. bears N. 26°W. 101 lks. dist. mkd. T 1 S R 7 W S 21 B T.</p> <p>Land mountainous..</p> <p>Soil stony; 3rd. rate.</p> <p>Timber cedar and pine.</p> <p>Mountainous land; heavy timber, and dense undergrowth.</p> <p>80.00 chs.</p> <hr/>
40.00	<p>N. $89^{\circ}56'$E. on a random line, bet. secs. 22 and 27 Set temp. $\frac{1}{4}$ sec. cor.</p>
79.95	<p>Intersect N. and S. line 2 lks. S. of the cor. of secs. 22-23-26 and 27, Thence I run, S.$89^{\circ}55'$W. on a true line, bet. secs. 22 and 27 Desc. over mountainous land, through heavy cedar and pine timber.</p>
24.00	<p>Ravine 300 ft. deep, course S. Ascend.</p>
39.97 $\frac{1}{2}$	<p>Set a cobblestone 14x10x8 ins. 9 ins. in. the ground for $\frac{1}{4}$. sec. cor., mkd. $\frac{1}{4}$ on N. face; from which A cedar 12 ins. diam. bears N. 20°W. 17 lks. dist. mkd. $\frac{1}{4}$ S 22 B T.</p> <p>A pinon 8 ins. diam. bears S. 44°W. 35 lks. dist. mkd. $\frac{1}{4}$ S 27 B T.</p>
50.00	<p>Ridge bears N. and S. Descend.</p>
65.00	<p>Ravine 300 ft. deep, course S.30°W.. Ascend.</p>
79.95	<p>The cor. of secs. 21-22-27 and 28 Land mountainous. Soil stony; 4th. rate.</p>

SUBDIVISION OF T. 1 S., R. 7 W., U.S.B.& M.

CHAINS

Timber cedar and pine.

Mountainous land, and heavy timber. 79.95 chs.

April 5, 1904.

April 6, 1904, at 7h. a.m. l.m.t. I set off $40^{\circ}23'N.$ on lat. arc; $6^{\circ}29'W.$ on decl. arc, and determine a true meridian with the solar, at the cor. of secs. 21-22-27, and 28,

Thence I run,

N. $00^{\circ}02'W.$ bet. secs. 21 and 22

Asc. over mountainous land, through heavy cedar and pine timber.

- 6.00 Ridge bears NE. and SW. Descend.
- 30.00 Ravine 200 ft. deep, course SW., asc.
- 40.00 On spur projects SW., set a sandstone $20 \times 12 \times 7$ ins. 14 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{2}$ on W. face; from which
 - A pine 24 ins. diam. bears N. $25^{\circ}E.$ 23 lks. dist.
mkd. $\frac{1}{2}$ S 22 B T.
 - A pine 6 ins. diam. bears S. $37^{\circ}W.$ 41 lks. dist.
mkd. $\frac{1}{4}$ S 21 B T. Descend.
- 46.00 Ravine 400 ft. deep, course SW., asc.
- 49.00 Spur projects SW., desc.
- 49.50 Ravine 300 ft. deep, course SW., asc.
- 74.50 Spur projects SW., desc.
- 77.50 Ravine 150 ft. deep, course SW., asc.
- 80.00 Set a sandstone $15 \times 12 \times 10$ ins. 10 ins. in the ground for cor. of secs. 15-16-21 and 22, mkd. 3 notches on S. and E. edges; from which
 - A pine 8 ins. diam. bears N. $58^{\circ}E.$ 4 lks. dist.
mkd. T 1 S R 7 W S 15 B T.
 - A pine 10 ins. diam. bears S. $49^{\circ}E.$ 22 lks. dist.
mkd. T 1 S R 7 W S 22 B T.
 - A pine 12 ins. diam. bears S. $73^{\circ}W.$ 25 lks. dist.

SUBDIVISION OF T.1 S., R.7 W., U.S.B.& M.

CHAINS	mkd. T 1 S R 7 W S 21 B T. A pine 4 ins. diam. bears N. 60°W. 40 lks. dist. mkd. T 1 S R 7 W S 16 B T. Land mountainous. Soil stony; 4th. rate. Timber cedar and pine. Mountainous land; and heavy timber. 80.00 chs.
40.00	H. 89°55' E. on a random line, bet. secs. 15 and 22 Set temp. $\frac{1}{4}$ sec. cor.
80.10	Intersect N. and S. line 14 lks. N. of the cor. of secs. 14-15-22 and 23; thence E run, H. 89°59' W. on true line, bet. secs. 15 and 22 Asc. over mountainous land, through heavy cedar and pine timber.
5.00	Ridge bears NE. and SW., desc. steep clay hills.
40.05	Steep slides, cor. is not set.
54.00	Ravine 1000 ft. deep, course SW., asc.
58.25	On spur projects SW., set a sandstone 16x10x8 ins. 11 ins. in the ground for witness cor. to $\frac{1}{4}$ sec. cor., mkd. W C $\frac{1}{4}$ on N. face; from which A cedar 7 ins. diam. bears N. 50°W. 17 lks. dist. mkd. W C $\frac{1}{4}$ S 15 B T. A pine 10 ins. diam. bears S. 1°E. 78 lks. dist. mkd. W C $\frac{1}{4}$ S 22 B T. Descend.
66.00	Spring branch 4 lks. wide, 100 ft. deep, course SW. Enter dense undergrowth.
74.00	Saddle; ridge, bears NE. and SW.; leave undergrowth.
80.10	The cor. of secs. 15-16-21 and 22 Land mountainous. Soil stony; 4th. rate. Timber cedar and pine. Mountainous land; heavy timber, and dense undergrowth. 80.10 chs.
	N. 0°02' W. bet. secs. 15 and 16 Asc. over steep slides and ledges, through heavy cedar and

SUBDIVISION OF T.1 S., R.7 W., U.S.B.& M.

CHAINS	pine timber, along E. side of canon.
23.30	$\frac{1}{4}$ cor. will fall on land on land subject to slides, set a limestone 14x10x6 ins. 10 ins. in the ground for W.C. to $\frac{1}{4}$ sec. cor., mkd. WC $\frac{1}{4}$ on W. face; from which A pine 15 ins. diam. bears S. $45^{\circ}W.$ 18 lks. dist. mkd. W C $\frac{1}{4}$ S 16 B.T. A pine 18 ins. diam. bears N. $55^{\circ}E.$ 15 lks. dist. mkd. W C $\frac{1}{4}$ S 15 B.T.
40.00	Ledges and slides. $\frac{1}{4}$ is not set. April 6, 1904, at this cor. I set off $6^{\circ}32'N.$ on decl. arc, and at 0h. 3m. p.m. l.m.t. observe the sun on the meridian; the resulting lat. is $40^{\circ}24'N.$
60.00	Ridge bears N. $80^{\circ}W.$ and S. $80^{\circ}E.$, leave timber, enter dense squaw and service berry brush. Descend.
80.00	Set a sandstone 20x10x6 ins. 15 ins. in the ground for cor. of secs. 9-10-15 and 16, mkd. 3 notches on E., and 4 notches on S. edge, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land mountainous. Soil stony; 3rd. and 4th. rate. Timber cedar and pine. Mountainous land; heavy timber, and dense undergrowth.
80.00 chs.	Apr. 6: At the noon hour sky overcast; solar observation impossible.
40.00	S. $89^{\circ}59'E.$ on a random line, bet. secs. 10 and 15 Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. and S. line 14 lks. S. of the cor. of secs. 10-11-14 and 15, Thence I run,
	S. $89^{\circ}55'W.$ on a true line, bet. secs. 10 and 15 Desc. over mountainous land, through dense squaw, service and sage brush.
26.50	Enter heavy aspen timber, bears N. and S.
30.50	Ravine 500 ft. deep, course SW.

SUBDIVISION OF T.L.S.; R.7 W., U.S.B.& M.

CHAINS

- 32.00 Same ravine, course NW.
Ascend.
- 35.00 Leave aspen timber, bears NW. and SE.
- 40.02 Set a sandstone 16x10x6 ins. 11 ins. in the ground for
 $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face, and raise a mound of
stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
- 50.04 The cor. of secs. 9-10-15 and 16
Land mountainous.
Soil stony; 3rd. rate.
aspen.
Mountainous land; heavy timber, and dense undergrowth.
80.04 chs.

N. $0^{\circ}0'2''$ W. bet. secs. 9 and 10

Desc. over mountainous land, through dense squaw, service
berry and sagebrush.

- 4.00 Ravine 500 ft. deep, course W.
Ascend.
- 8.00 Enter heavy cedar and pine timber, bears E. and W.
- 28.00 Leave timber, bears E. and W.
- 40.00 Set a quartzite stone 15x10x6 ins. 10 ins. in the ground
for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face, and raise a mound of
stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
- 42.50 Ridge bears NE. and SW.
Descend.
- 78.90 Ravine 500 ft. deep, course SW., enter heavy cedar and pine
timber.
Ascend.
- 80.00 Set a limestone 12x10x8 ins. 8 ins. in the ground for
cor. of secs. 5-4-9 and 10, mkd. 3 notches on E., and
5 notches on S. edge; from which

SUBDIVISION OF T. 1 S., R. 7 W., U.S.B.& M.

CHAINS

A cedar 8 ins. diam. bears N. $58^{\circ}E.$ 85 lks. dist.
mkd. T 1 S R 7 W S 3 B T.

A pine 6 ins. diam. bears S. $58^{\circ}E.$ 59 lks. dist.
mkd. T 1 S R 7 W S 10 B T.

An aspen 4 ins. diam. bears S. $11^{\circ}W.$ 34 lks. dist.
mkd. T 1 S R 7 W S 9 B T.

A pine 10 ins. diam. bears N. $26^{\circ}W.$ 54 lks. dist.
mkd. T 1 S R 7 W S 4 B T.

Land mountainous.

Soil stony; 3rd. rate.

Timber aspen, pine and cedar.

Dense undergrowth. 80.00 chs.

April 6, 1904.

April 7, 1904, at 7h. a.m. l.m.t. I set off $40^{\circ}25'N.$ on lat. arc; $6^{\circ}51'N.$ on decl. arc, and determine a true meridian with the solar, at the cor. of secs. 3-4-9 and 10,

Thence I run,

N. $89^{\circ}55'E.$ on a random line, bet. secs. 3 and 10

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.06 Intersect N. and S. line 21 lks. N. of the cor. of secs. 2-3-10 and 11,

Thence I run,

N. $89^{\circ}56'W.$ on a true line, bet. secs. 3 and 10
Asc. over mountainous land, through dense sage, squaw and serviceberry brush.

12.00 Spur projects NW.

Descend.

40.03 Set a quartzite stone 18x10x8 ins. 12 ins. in the ground
for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face, and raise a mound of
stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.

70.00 Ravine 500 ft. deep, course SW., enter heavy cedar and pine
timber, bears N. and S.

SUBDIVISION OF T.L.S., R.7 W., U.S.B.& M.

CHAINS

- 80.06 The cor. of secs. 3-4-9 and 10.
Land mountainous.
Soil stony; 3rd. rate.
Timber cedar and pine.
Dense undergrowth, and heavy timber. 80.06 chs.

N. $0^{\circ}02'$ W. bet. secs. 3 and 4
Asc. over mountainous land, through scattering cedar and pine timber, and dense sage and squaw brush.
40.00 Set a quartzite stone 14x10x5 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; from which A cedar 4 ins. diam. bears S. 77° E. 75 lks. dist. mkd. $\frac{1}{4}$ S 3 B.T.
A cedar 7 ins. diam. bears S. 80° W. 84 lks. dist. mkd. $\frac{1}{4}$ S 4 B.T.
53.15 Ridge bears NE. and SW.
Descend.
64.15 Ravine 300 ft. deep, course W.
Ascend.
68.00 Spur projects W.
Descend.
75.00 Ravine 500 ft. deep, course SW.
Ascend.
90.80 Intersect Uintah Special Base line 19.35 chs. W. of St. $\frac{1}{4}$ sec. cor. of sec. 54, which is a sandstone 5x8x3 ins. above ground, firmly set, marked and witnessed as described under contract No. 374 F.H.Lyman Jr. Deputy Surveyor. Set a sandstone 16x12x9 ins. 11 ins. in the ground for closing cor. of secs. 3 and 4; mkd. C.C on S. and 3 grooves on E., and W. faces, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high S. of cor..
Land mountainous.
Soil stony; 2nd. and 4th. rate.
Timber cedar and pine.

SUBDIVISION OF T.L S.R.7 W.U.S.B.& M.

CHAINS.

Mountainous land, scattering timber and dense under-growth 90.80 chs.

From the corner of secs. 4, 5, 32, and 33 on S.bdy.of Tp., which is a quartzite stone 5x10x5 ins.above ground firmly set and marked and witnessed as described by Deputies Stewart and Booth,under their contract No.270,
I run

N.0°03' W.bet.secs.32 and 33

40.00 Descending over rolling land;through dense sagebrush.
Set a limestone 14x10x8 ins.9 ins.in the ground for $\frac{1}{4}$ sec.cor.,marked $\frac{1}{4}$ on W.face;and raise a mound of stone 2 ft.base $1\frac{1}{2}$ ft.high W.of cor.

April 7,1904,at this cor.I set off 6°54' N.on decl.arc and at 0.h.2 m.p.m.l.m.t.observe the sunon the meridian; the resulting lat.is 40°22' N.

45.00 Enter heavy cedar and pine timber bears E.and W.
Ascend.

50.00 Spur projects SW.;descend.

65.00 Ravine 200 ft.deep, course SW.;ascend.

80.00 Set a limestone 16x8x7 ins.11 ins.in the ground for cor. of secs.28,29,32, and 33,marked 4 notches on E.and 1 notch on S.edge;from which

A cedar 8 ins.diam.bears N.10°E.17 lks.dist.

marked T 1 S R 7 W S 28 B T

A cedar 15 ins.diam.bears S.38°E.9 lks.dist.

marked T 1 S R 7 W S 33 B T

A cedar 15 ins.diam.bears S.37°W.10 lks.dist.

marked T 1 S R 7 W S 32 B T

A cedar 10 ins.diam.bears N.32°W.17 lks.dist.

marked T 1 S R 7 W S 29 B T

Land mountainous and rolling.

Soil loam and stone;1st and 4th rate.

Timber cedar and pine.

SUBDIVISION OF T.1 S.R.7 W.U.S.B.& M.

CHAINS.

Mountainous land, heavy timber, or dense undergrowth 80.00 chs.

Distance.

N. $29^{\circ}54'$ E.on a random line bet.sec.28 and 33

40.00 Set temp. $\frac{1}{2}$ sec.cor.

20.06 Intersect N.and S.line 7 lks.N.of the cor.of secs.27,28
33 and 34.Thence I run

S. $29^{\circ}57'$ W.on a true line bet.sec.28 and 33

Ascend over mountainous land;through heavy cedar and pine
timber.

33.00 Saddle ridge bears N.and S. Descend.

37.50 Dry wash 20 ft.deep, course SW.;ascend, in hollow.

40.03 Set a sandstone 18x14x10 i's.12 ins.in the ground for
 $\frac{1}{4}$ sec.cor.,marked $\frac{1}{4}$ on N.face;from which

A cedar 24 ins.diam.bears N. 30° E.59' lks.dist.

marked $\frac{1}{4}$ S 28 B T

A pine 6 ins.diam.bears S. 42° W.36 lks.dist.

marked $\frac{1}{4}$ S 33 B T

61.50 Spur projects S. Descend.

68.00 Wine 200 ft.deep, course S.

Ascend.

80.06 The cor.of secs.28,29,32, and 33.

Land mountainous.

Soil stony;3d and 4th rate.

Timber cedar and pine.

Mountainous land and heavy timber 80.06 chs.

N. $0^{\circ}03'$ W.bet.sec.28 and 29

Ascend over mountainous land;through heavy cedar and
pine timber.

5.00 Spur projects W.:

Descend.

SUBDIVISION OF T.1 S., R.7 W., U.S.B.& M.

CHAINS	
7.00	Ravine 150 ft. deep, course W., and slides.
25.00	Ravine 300 ft. deep, course W., leave slides.
28.00	Ascend.
30.00	Spur projects W.
	Descend.
40.00	Set a sandstone 16x8x5 ins. 11 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; from which A cedar 10 ins. diam. bears N. 65° E. 38 lks. dist. mkd. $\frac{1}{4}$ S 28 B T. A cedar 8 ins. diam. bears S. 70° W. 53 lks. dist. mkd. $\frac{1}{4}$ S 29 B T.
43.00	Ravine 100 ft. deep, course W., leave timber.
	Ascend.
56.00	Enter cedar and pine timber, bears W.
60.00	Spur projects W.
	Descend.
80.00	Set a limestone 18x8x6 ins. 12 ins. in the ground for cor. of secs. 20-21-28 and 29, mkd. 4 notches on E., and 2 notches on S. edge; dig pits 18x18x12 ins. in each secs. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high W. of cor. Land mountainous. Soil loam and stony; 2nd. and 4th. rate. Timber cedar and pine. Mountainous land; heavy timber, and dense undergrowth.
80.00 chs.	
	Sky overcast during entire day; solar observations impossible.
	April 7, 1904.
	April 8, 1904, at 7h. a.m. l.m.t. I set off $7^{\circ}13'N.$ on decl. arc; $40^{\circ}23'N.$ on lat. arc, and determine a true meridian with the solar, at the cor. of secs. 20-21-28 and 29.
	Thence I run,

SUBDIVISION OF T.1 S., R.7 W., U.S.B.& M.

CHAINS	N. $89^{\circ}57' E.$ on a random line, bet. secs. 21 and 28
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.05	Intersect N. and S. line 2 lks. N. of the cor. of secs. 21-22-27 and 28, Thence I run, S. $89^{\circ}58' W.$ on a true line, bet. secs. 21 and 28 Over broken S. slope, through heavy cedar and pine timber.
10.20	Saddle 2 chs. S. of line. On ridge bearing NE. and SW. Descend.
39.60	Set a cobblestone 16x14x5 ins. 11 ins. in the ground for w. c. to $\frac{1}{4}$ sec. cor., mkd. W C $\frac{1}{4}$ on N. face; from which A cedar 24 ins. diam. bears N. $60^{\circ} E.$ 18 lks. dist. mkd. W C $\frac{1}{4}$ S 21 B.T. A pine 5 ins. diam. bears S. $35^{\circ} E.$ 64 lks. dist. mkd. W C $\frac{1}{4}$ S 28 B.T.
40.02 $\frac{1}{2}$	Steep slides, leave timber, bears N. and S. Cor. not set.
60.00	Enter sage flat.
80.05	The cor. of secs. 20-21-28 and 29 Land mountainous. Soil loam and stony; 2nd. and 4th. rate. Timber cedar and pine. Mountainous land; heavy timber, and dense undergrowth. 80.05 chs.
	N. $0^{\circ}03' W.$ bet. secs. 20 and 21 Desc. over mountainous land, through dense sage brush.
8.00	Dry wash 30 lks. wide, 12 lks. deep; coarse SW. Ascend.
40.00	Set a limestone 15x10x6 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high w. of cor.
45.00	Spur projects SW., enter heavy cedar and pine timber. Descend.
47.00	Leave timber, bears E. and W.

SUBDIVISION OF T:1 S:, R:7 W., U.S.B:& M.

CHAINS	
60.00	Hollow, course SW. Ascend.
67.50	Enter cedar and pine timber; leave sage, begin steep ascent, bears E. and W.
75.00	Spur projects SW. ;descend.
77.00	Hollow course SW.
80.00	Set a sandstone 20x10x8 ins. 15 ins. in the ground, for cor. of secs. 16, 17, 20, and 21; marked with 4 notches on E. and 3 notches on S. edges; from which " " inch
	A cedar 6 ins. diam. bears N. 20°E. 85 lks. dist. mkd. T 1 S R 7 W S 16 B T.
	A pine 16 ins. diam. bears S. 67°E. 25 lks. dist. mkd. T 1 S R 7 W S 21 B T.
	A cedar 20 ins. diam. bears S. 44°W. 14 lks. dist. mkd. T 1 S R 7 W S 20 B T.
	A pine 8 ins. diam. bears N. 14°W. 52 lks. dist. mkd. T 1 S R 7 W S 17 B T.
	Land mountainous
	Soil loam and stony; 2nd. and 4th. rate.
	Timber cedar and pine.
	Mountainous land; heavy timber, and dense undergrowth.
80.00	chs.
40.00	N. 89°58'E. on a random line, bet. secs. 16 and 21 Set temp. $\frac{1}{4}$ sec. cor.
79.92	Intersect N. and S. line 5 lks. N. of the cor. of secs. 15-16-21 and 22,
	Thence I run,
	W. on a true line, bet. secs. 16 and 21
0.00	Desc. over mountainous land, through heavy cedar and pine timber.
1.00	Ravine 200 ft. deep, course S.
	Ascend.
5.75	Sandstone ledges 10 ft. high, bear N. and S., spur projects S.

SUBDIVISION OF T. 1 S., R. 7 E., U.S.B.& W.

CHAINS

jects S.

Descend.

7.00 Ravine 100 ft. deep, course S.

Ascend.

7.75 Sandstone ledges 10 ft. high, bear N. & S.; asc. along solid sandstone side hill.

39.96 On spur projects S., Set a limestone 24x10x4 ins. 18 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; from whichA pine, 12 ins. diam. bears N. 65° E. 23 lks. dist.mkd. $\frac{1}{4}$ S 16 R T.A pine, 15 ins. diam. bears S. 22° W. 75 lks. dist.mkd. $\frac{1}{4}$ S 21 R T.

Descend.

40.50 Ledges 15 ft. high, bear N. and S.

43.00 Ravine 300 ft. deep, course S., leave ledges.

Ascend.

76.15 Spur projects S., sandstone ledges 50 ft. high, 50 lks. S. of line, deso.

79.92 The cor. of secs. 16-17-20 and 21

Land mountainous.

Soil stony; 4th. rate.

Timber cedar and pine.

Mountainous land, and heavy timber. 79.92 chs.

April 8. 1904, at this cor. I set off $7^{\circ}17'N.$ on decl. arc, and at 9h. 2m. p.m. l.m.t. observe the sun on the meridian; the resulting lat. is $40^{\circ}24'N.$ N. $40^{\circ}23'7''$ bet. secs. 16 and 17

Acc. over mountainous land, through heavy cedar and pine timber.

3.50 Spur projects SW.

Descent.

15.00 Ravine 1500 ft. deep, course SW.

SUBDIVISION OF T.1 S.R.7 W.U.S.B.& M.

Chains	Ascend.
40.00	Sandstone ledges and cliffs 150 ft. high bear E. and W., impossible to set $\frac{1}{4}$ sec.cor.
60.00	Falls on sandstone ledge 5x3x2 ft. above ground, on which Cut a cross (X) at the corner point for witness $\frac{1}{4}$ sec. cor., marked W C $\frac{1}{4}$ west of cross; from which A pinon pine 8 ins. diam. bears S.85°E.48 lks.dist. marked W C $\frac{1}{4}$ S 16 B T A pinon pine 9 ins. diam. bears S.30°W.27 lks.dist. marked W C $\frac{1}{4}$ S 17 B T
72.00	Ridge bears E. and W.; leave timber; enter dense squaw, sage and service berry brush. Descend.
80.00	Set a sandstone 18x12x5 ins.12 ins.inthe ground for cor.of secs.8,9,16, and 17,marked 4 notches on S.and E. edges; and raiseaa mound of stone 2 ft.base 1 $\frac{1}{2}$ ft.high W.of cor. Land mountainous. Soil stony; 4th rate. Timber cedar and pine. Mountainous land, heavy timber and dense undergrowth
80.00 chs.	
40.00	East on a random line bet.secs.9 and 16 Set temp. $\frac{1}{4}$ sec.cor.
79.76	Intersect N. and S.line 9 lks.S.of the cor.of secs.9,10, 15, and 16. Thence I run S.89°56' W.on a true line bet.secs.9 and 16 Descend over mountainous land; through dense squaw, sage, and service berry brush.
39.88	Set a sandstone 16x8x7 ins.11 ins.in the ground for $\frac{1}{4}$

SUBDIVISION OF T.1 S.R.7 W., U.S.B.& M.

Chains. sec.cor., marked $\frac{1}{2}$ on N.face; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N.of cor.

79.76 The cor.of secs.8,9,16, and 17.

Land mountainous.

Soil stony; 3d rate.

No timber.

Mountainous land and dense undergrowth 79.76 chs.

N.0°03' W.betsecs.8 and 9

Descend over mountainous land; through dense sage, squaw, and service berry brush.

22.50 Dry bed of creek, 600 ft. below corner; course W.

33.25 Enter heavy cedar and pine timber bears E. and W.

40.00 Boulder 5x5x3 ft. above ground for $\frac{1}{4}$ sec.cor., marked $\frac{1}{2}$ on W.face; from which

A pine 10 ins.diam.bears S.25°E.8 lks.dist.
marked $\frac{1}{4}$ S 9 B T

A pine 12 ins.diam.bears W.17 lks.dist.
marked $\frac{1}{4}$ S 8 B T

80.00 Set a limestone 18x10x8 ins.12 ins.intthe ground for cor.of secs.4,5,8, and 9,marked 4 notches on E.and 5 notches on S.edge;from which

A cedar 8 ins.diam.bears N.48°E.35 lks.dist.
marked T 1 S R 7 W S 4 B T

A pine 7 ins.diam.bears S.28°E.42 lks.dist.
marked T 1 S R 7 W S 9 B T

A cedar 10 inc.diam.bears S.53°W.82 lks.dist.
marked T 1 S R 7 W S 8 B T

A cedar 12 ins.diam.bears N.48°W.5 lks.dist.
marked T 1 S R 7 W S 5 B T

Land mountainous.

Soil stony; 4th rate.

Timber cedar and pine.

SUBDIVISION OF T.1 S.R.7 W., U.S.B.&M.

CHAINS.	Mountainous land, heavy timber and dense undergrowth 80.00 chs.	April 8, 1904.
	April 9, 1904, at 7 h.a.m.l.m.t. I set off $40^{\circ}25'N.$ on lat. arc; $7^{\circ}36'N.$ on decl. arc; and determine a true meridian with the solar at the cor. of secs. 4, 5, 8, and 9. Thence I run	
40.00	N. $89^{\circ}56'E.$ on a random line bet. secs. 4 and 9 Set temp. $\frac{1}{2}$ sec. cor.	
80.12	Intersect N. and S. line 5 lks. N. of the cor. of secs. 3, 4, 9, and 10. Thence I run	
	S. $89^{\circ}58'W.$ on a true line bet. secs. 4 and 9. Ascend over mountainous land; through heavy cedar and pine timber.	
15.00	Spur projects SW.; descend.	
20.80	Ravine 100 ft. deep, course SW.; ascend.	
30.50	Spur projects S.	
	Descend.	
37.50	Ravine 250 ft. deep, course SW. Ascend.	
	Spur projects S. and E.	
40.06	Set a sandstone 16x10x5 ins. ll ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; from which A pine 8 ins. diam. bears N. $45^{\circ}E.$ 10 lks. dist. marked $\frac{1}{4}$ S 4 B T A cedar 10 ins. diam. bears S. $42^{\circ}E.$ 13 lks. dist. marked $\frac{1}{4}$ S 9 B T	
43.70	Spur projects S. Descend.	
58.00	Ravine 200 ft. deep, course S. Ascend.	
80.12	The cor. of secs. 4, 5, 8, and 9.	

SUBDIVISION OF T.1 S.R.7 W.U.S.B. & M.

CHAINS.	<p>Land mountainous.</p> <p>Soil stony; 4th rate.</p> <p>Timber cedar and pine.</p> <p>Mountainous land and heavy timber 80.12 chs.</p> <hr/> <p>N.0°03' W.betsecs.4 and 5</p> <p>Ascend over mountainous land; through heavy cedar and pine timber.</p>
6.50	Leave timber; enter dense sagebrush, bears E. and W.
40.00	On ridge bears E. and W.,
	set a limestone 18x14x8 ins.12 ins.in the ground for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ on W.face; and raise a mound of stone 2 ft.base 1 $\frac{1}{2}$ ft.high W.of cor. Descend.
45.00	Steep descent.
60.00	Ravine 450 ft.deep, course W.; enter heavy cedar and pine timber; ascend.
87.50	Spur projects NW.; descend.
90.85	Intersect Uintah Special Base line 19.85 chs.W.of standard $\frac{1}{4}$ sec.cor.of sec.33, which is a quartzite stone 5x8x6 ins.above ground, firmly set, marked and witnessed as described by Deputy Francis M.Lyman Jr., under his contract No.274,
	Set a sandstone 15x9x6 ins.10 ins.in the ground for closing cor.of secs.4 and 5;marked C C on S., 4 grooves on E. and 2 grooves on W.faces; and raise a mound of stone 2 ft.base 1 $\frac{1}{2}$ ft.high S.of cor.
	Land mountainous.
	Soil stony and sandy; 2d and 3d rate.
	Timber cedar and pine.
	Mountainous land and heavy timber 90.85 chs.
	<hr/> From the cor.of secs.5,6,31, and 32 on S.bdy.of Tp., which is a quartzite stone 5x10x8 ins.above ground, firmly set marked and witnessed as described by Deputies Stewart and Booth under their contract No.270, I run.

SUBDIVISION OF T.L.S., R.7 W., U.S.B.& M.

CHAINS	
	N. $0^{\circ}04'W.$ bet. secs. 31 and 32
	Gradual descent through dense artemesa.
22.25	Indian Race Track, bears NW. and SW.
25.00	Road bears NW. and SE.
26.85	Enter bottom, heavy cottonwood timber, and dense willows.
40.00	Set a cobblestone 15x8x6 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; from which. A cottonwood 6 ins. diam. bears S. $20^{\circ}E.$ 13 lks. dist. mkd. $\frac{1}{4}$ S 32 B T.
	A cottonwood 8 ins. diam. bears N. $21^{\circ}W.$ 15 lks. dist. mkd. $\frac{1}{4}$ S 31 B T.
41.25	Du Chesne River 150 lks. wide, course SE., leave cotton- wood and willows, enter cultivated land.
45.00	Pole fence, bears E. and W., corral 2 chs. E.
56.25	Pole fence, bears S. $65^{\circ}E.$ and N. $65^{\circ}W.$ Leave cultivated land
66.20	Road bears NW. and SE.
79.55	Irrigation ditch, course NW. and SE.
80.00	Set a cobblestone 15x8x6 ins. 10. ins. in the ground for cor. of secs. 29-30-31 and 32, mkd. 5 grooves on E., and 1 groove on S. face; dig. pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
65 15	Land mountainous.
	Soil loam; 1st. and 2nd. rate.
	Timber cottonwood.
	Dense undergrowth. 65.00 chs.
	April 9, 1904, at this cor. I set off $7^{\circ}39'N.$ on decl. arc, and at oh. 02m. p.m. l.m.t., observe the sun on the meridian; the resulting lat. is $40^{\circ}22'N.$
40.00	N. $89^{\circ}54'E.$ on a random line, bet. secs. 29 and 32 Set temp. $\frac{1}{4}$ sec. cor.
79.92	Intersect N. and S. line 39 lks. N. of the cor. of secs.

SUBDIVISION OF T.1.S., R.7 W., U.S.B.& M.

CHAINS

28-29-32 and 33,

Thence I run,

N. $89^{\circ}53'W.$ on a true line, bet. secs. 29 and 32
Desc. over mountainous land, through heavy cedar and pine
timber.

15.00 Ravine 300 ft. deep, course S.

Ascend.

30.00 Ridge, bears N. and S.

Descend.

39.96 Set a sandstone 16x8x6 ins. 11 ins. in the ground for $\frac{1}{4}$
sec. cor., mkd. $\frac{1}{4}$ on N. face; from which

A pine 6 ins. diam. bears N. $35^{\circ}W.$ 20 lks. dist.

mkd. $\frac{1}{4}$ S 29 B T.

A pine 5 ins. diam. bears S. 25 lks. dist.

mkd. $\frac{1}{4}$ S 32 B T.

45.65 Leave mountainous land, and heavy timber, enter dense
sage brush, and nearly level bottom land, bears N. and S.

79.92 The cor. of secs. 29-30-31 and 32

Land mountainous.

Soil loam and stony; 2nd. and 4th. rate.

Timber cedar and pine.

Mountainous land; heavy timber, and dense undergrowth.

79.92 chs.

S. $89^{\circ}54'W.$ on a random line, bet. secs. 30 and 31

40.00 Set temp. $\frac{1}{4}$ sec. cor.

75.45 Intersect W. bdy. of Tp. 2 lks. S. of the cor. of secs.
25-30-31 and 36, previously described,

Thence I run,

N. $89^{\circ}55'E.$ on a true line, bet. secs. 30 and 31
Desc. over mountainous land, through dense sage brush,
and scattering cedar and pine timber.

14.85 Steep descent, leave timber.

18.40 Irrigation Ditch, course S.

SUBDIVISION OF T.L.S.R.7 W., U.S.B. & M.

CHAINS	
19.65	Road bears NW. and SE.
30.60	Road bears N. 40° E. and S. 40° W.
32.20	Pole fence bears N. 30° E. and S. 30° W.; enter cultivated land, Bridger Jim's house 20 chs. S.
35.45	Set a cobblestone 15x8x6 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; from which A cottonwood 10 ins. diam. bears N. 83° E. 220 lks. dist. marked $\frac{1}{4}$ S 30 B T No other bearing trees within limit. Raise a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high N. of cor.
37.75	Leave cultivated land; enter heavy cottonwood and willows, bear NW. and SE.
40.20	Du Chesne River 1 ch. wide, course SE.
47.00	Leave willows and timber bear NW. and SE.
58.00	Road bears NW. and SE.
61.85	Pole fence bears NE. and SW.
75.45	The cor. of secs. 25, 30, 31, and 36.
76 1/2 1/2-25	Land mountainous. Soil loam and stony; 1st and 3d rate. Timber cedar, pinon pine and cottonwood. Mountainous land, heavy timber, and dense undergrowth 76.20 chs.

N. 0° 04' W. bet. secs. 29 and 30

40.00	Ascend over rolling land; through dense scrubby sagebrush. Set a cobblestone 12x12x4 ins. 8 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; dig pits 18x18x12 ins. N. and S. of stone 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high W. of cor.
77.00	Leave bottom; ascend hills.
80.00	Set a cobblestone 18x12x6 ins. 12 ins. in the ground for corner of secs. 19, 20, 29, and 30, marked with 5 notches on E. and 2 notches on S. edge; and raise a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high W. of cor.

SUBDIVISION OF T.1 S.R.7 W.U.S.B.& M.

- Chains. Land rolling.
 Soil loam and stony; 1st and 3d rate.
 No timber.
 Dense undergrowth 80.00 chs.
-
- S.89°53' E.on a random line betsecs.20 and 29
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 79.60 Intersect N.and S.line 5 lks.S.of the cor.of secs.20,21,
 28, and 29.Thence I run
 N.89°55' W.on a true line betsecs.20 and 29
 Descending over rolling land;through dense sagebrush.
 14.70 Dry wash 25 lks.wide,6 ft.deep,course SW.
 39.80 Deposit a marked stone 12 ins.in the ground for $\frac{1}{4}$ sec.
 cor.;dig pits 13x18x12 ins.E.and W.of cor.4 ft.dist.
 and raise a mound of earth $3\frac{1}{2}$ ft.base $1\frac{1}{2}$ ft.high over
 deposit.
 In E.pit drive a pine stake 2 ft.long 2.ins.sq.,12 ins.
 in the ground;marked $\frac{1}{4}$ S 20 on N.and 29 on S.face
 50.00 Dry wash 25 lks.wide 6 ft.deep,course SW.;in hollow.
 68.00 Leave sagebrush;enter scattering cedar and pine timber.
 76.00 Spur projects S.;leave timber. Descend.
 79.60 The cor.of secs.19,20,29, and 30.
 Land rolling.
 Soil loam and stony;2d and 3d rate.
 Timber cedar and pine.
 Dense undergrowth 79.60 chs.
-
- S.89°55' W.on a random line betsecs.19 and 30
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 75.40 Intersect W.bdy.of Tp.8 lks.S.of the cor.of secs.19,24,
 25, and 30, previously described.
 Thence I run
 N.89°53' E.on a true line betsecs.19 and 30

SUBDIVISION OF T.L.S., R.7 W., U.S.B.& M.

CHAINS	
	Over rolling land, through dense sage brush.
4.90	Road bears NW. and SE.
35.40	Set a sandstone 15x10x6 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; dig pits 18x18x12 ins. E. and W. of stone, 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high N. of cor.
58.00	Enter broken hills, bears NW. and SE.
66.50	Spur projects S.
	Descend.
71.00	Hollow, course S.
	Ascend.
75.40	The cor. of secs. 19-20-29 and 30 Land rolling and mountainous. Soil loam and clay; 1st. and 2nd. rate. No timber. Dense undergrowth. 75.40 chs.

April 9, 1904.

April 10, 1904, at 7h. a.m. l.m.t. I set off $40^{\circ}23'N.$ on lat arc; $7^{\circ}58'W.$ on decl. arc, and determine a true meridian with the solar, at the cor. of secs. 19-20-29 and 30,

Thence I run,

N. $0^{\circ}04'W.$ bet. secs. 19. and 20.

Asc. over broken clay hills, through scattering cedar and pine timber.

6.15	Sharp ridge bears NW. and SE.
	Descend.
36.00	Leave timber. bears E. and W., enter sage brush.
40.00	In wide hollow, course N.E. and S.E., set a sandstone 15x10x6 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; dig pits 18x18x12 ins. N. and S. of stone, 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high N. of cor.

SUBDIVISION OF T.1 S., R.7 W., U.S.B.& M.

CHAINS	Ascend.
52.00	Enter heavy cedar and pine timber bears E. and W.
58.00	Ridge. Bears E. and W.; descend.
66.00	Leave timber. bears E. and W., enter dense sage brush.
67.50	Hollow, course SE.
	Ascend.
80.00	Set a sandstone 16x10x8 ins. 11 ins. in the ground for cor. of secs. 17-18-19 and 20, mkd. 5 notches on E., and 3 notches on S. edge, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
	Land broken and mountainous.
	Soil clay and stony; 2nd. and 3rd. rate.
	Timber cedar and pine.
	Mountainous land; heavy timber, and dense undergrowth.
80.00 chs..	

	S. $89^{\circ}55'$ E. on a random line, bet. secs. 17 and 20
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.80	Intersect N. and S. line 11 lks. S. of the cor. of secs. 16-17-20 and 21,
	Thence I run,
	W. on a true line, bet. secs. 17 and 20
	Asc. over mountainous land, through heavy cedar and pine timber.
10.00	Spur projects SW.
	Descend.
32.00	Leave timber, bear NW. and SE., enter dense sage brush.
36.25	Dry wash 20 lks. wide, 20 ft. deep, course S.; in hollow.
	Ascend.
39.65	Spur projects SW.
	Descend.
39.90	Set a sandstone 12x9x5 ins. 3 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
51.00	Ravine 150 ft. deep, course S., asc.

SUBDIVISION OF T.1 S., R.7 W., U.S.B.&M.

CHAINS	
55.00	Spring 2 chs. N.
79.80	The cor. of secs. 17-18-19 and 20 Land mountainous. Soil clay and stony; 2nd, and 4th, rate. Timber cedar and pine. Mountainous land; heavy timber, and dense undergrowth.
79.80 chs.	
40.00	S. P. S. $89^{\circ}58'W.$ on a random line, bet. secs. 18 and 19 Set temp. $\frac{1}{4}$ sec. cor.
75.46	Intersect W. bdy. of Tp. 5 lks. S. of the cor. of secs. 13-18-19 and 24, previously described. Thence I run, E. on a true line, bet. secs. 18 and 19 Asc. over broken land.
5.50	Enter heavy cedar and pine timber.
10.00	Ridge bears N. and S. Descend.
35.46	Set a cobblestone 12x10x5 ins. 8 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; from which A pine 16 ins. diam. bears S. $65^{\circ}W.$ 20 lks. dist. mkd. $\frac{1}{4}$ S 19 B.T. A pine 14 ins. diam. bears N. $6^{\circ}W.$ 26 lks. dist. mkd. $\frac{1}{4}$ S 18 B.T.
38.50	Leave timber, bears N. and S.
45.75	Enter heavy cedar and pine.
49.00	Leave timber, enter dense sage brush.
75.46	The cor. of secs. 17-18-19 and 20 Land mountainous. Soil stony; 3rd. and 4th. rate. Timber cedar and pine. Mountainous land; heavy timber, and dense undergrowth.
75.46 chs.	

SUBDIVISION OF T.1 S., R.7 W., U.S.B.& M.

CHAINS	H.0°04'W. bet. secs. 17 and 18
	Asc. over rolling land, through dense sage brush.
34.00	Enter cedar and pine timber, bear NW. and SE.
35.00	Point for $\frac{1}{4}$ sec. cor. will fall, on land subject to slides Set a sandstone 18x12x6 ins. 12 ins. in the ground for witness cor. to $\frac{1}{4}$ sec. cor., mkd. W C $\frac{1}{4}$ on W. face; from which
	A cedar 20 ins. diam. bears S. 61°E. 71 lks. dist. mkd. W C $\frac{1}{4}$ S 17 B T.
	A cedar 16 ins. diam. bears S. 61°W. 86 lks. dist. mkd. W C $\frac{1}{4}$ S 18 B T.
	Abrupt ascent over broken hills and ledges.
40.00	Ledges and slides. $\frac{1}{4}$ cor. is not set.
65.80	Ridge bears E. and W., 800 ft. above cor., desc.
69.50	Leave timber, enter dense sage brush.
80.00	Set a sandstone 15x8x6 ins. 10 ins. in the ground for cor. of secs. 7-8-17 and 18, mkd. 5 notches on E., and 4 notches on S. edge, and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
	Land mountainous, and rolling.
	Soil clay and stony; 3rd. and 4th. rate.
	Timber cedar and pine.
	Mountainous land; heavy timber, and dense undergrowth.
80.00 chs.	
	April 10, 1904, at this cor. I set off 3°01'N. on decl. arc, and at 0h. 1m. p.m. l.m.t. observe the sun on the meridian; the resulting lat. is 40°25'N.

E. on a random line, bet. secs. 8 and 17

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.74 Intersect N. and S. line, at the corner of sections
8-9-16 and 17,

Thence I run,

W. on a true line, bet. secs. 8 and 17

SUBDIVISION OF T.L.S., R.7 W., U.S.B.& M.

CHAINS	
	Desc. N. side of mountain; through dense sage, service berry, and squaw brush.
39.87	Set a sandstone 15x8x6 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
79.74	The cor. of secs. 7-8-17 and 18 Land mountainous. Soil stony; 3rd. rate. No timber. Mountainous land, and dense undergrowth. 79.74 chs.
40.00	W. on a random line, betw secs. 7 and 18 Set temp. $\frac{1}{4}$ sec. cor.
75.06	Intersect W. bdy. of Tp. at the cor. of secs. 7, 12, 13, and 18, previously described. Thence I run, E. on a true line, bet. secs. 7 and 18 Over rolling land, through dense sage brush. Set a sandstone 15x9x4 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; dig pits. 18x18x12 ins. E. and W. of stone, 3 ft. dist.; raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor. Dry creek bed, courses SW. Asc. along broken N. slope, through dense sage, squaw and serviceberry brush.
75.06	The cor. of secs. 7-8-17 and 18 Land rolling and mountainous. Soil clay and stony; 2nd. and 3rd. rate. No timber. Mountainous land, and dense undergrowth. 75.06 chs.

SUBDIVISION OF T.L.S., R.7 W., U.S.B.& M.

CHAINS	
	W. 0°04'W. bet. secs. 7 and 8
	Desc. over mountainous land, through dense sage and squaw brush.
12.00	Ravine 200 ft. below cor., course S. 70°W.
	Ascend.
33.00	Steep ascent over ledges.
40.00	Set a sandstone 15x10x5 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
50.00	Spur ridge projects S. 55°W., leave ledges, enter pine and cedar timber.
	Descend.
53.00	Leave timber. bears E. and W.
65.00	Ravine 350 ft. deep, course S. 70°W., enter cedar and pine timber, ascend.
79.75	Leave timber.
80.00	Set a cobblestone 16x10x6 ins. 11 ins. in the ground for cor. of secs. 5-6-7 and 8, mkd. 5 notches on S. and E. edges; from which
	A pine 6 ins. diam. bears S. $42\frac{1}{2}^{\circ}$ E. 38 lks. dist. mkd. T.L.S R.7 W S 8 B T.
	A pine 12 ins. diam. bears S. 50°W. 141 lks. dist. mkd. T L S R 7 W S 7 B T.
	No other trees within limit.
	Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
	Land mountainous.
	Soil stony; 3rd. rate.
	Timber cedar and pine.
	Mountainous land; heavy timber, and dense undergrowth.
80.60 chs.	
	E. on a random line, bet. secs. 5 and 8
40.00	Set temp. $\frac{1}{4}$ sec. cor.
59.98	Intersect N. and S. line 7 lks. S. of the cor. of secs.

SUBDIVISION OF T.L.S., R.7 W., U.S.B.& M.

CHAINS	
	4-5-8 and 9, Thence I run, S. $89^{\circ}57'W.$ on a true line, bet. secs. 5 and 8 Desc. over mountainous land, through heavy cedar and pine timber.
6.00	Hollow, course SE. Ascend.
18.00	Ridge bears N. and S. Descend.
39.99	In hollow, course SW., set a sandstone 18x10x6 ins. 12 ins. in the ground for $\frac{1}{2}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; from which A pine 6 ins. diam. bears S. $25^{\circ}E.$ 15 lks. dist. mkd. $\frac{1}{4}$ S 8 R T. A pine 8 ins. diam. bears N. 16 lks. dist. mkd. $\frac{1}{4}$ S 5 R T. Ascend.
55.00	Spur projects SW. Descend.
79.98	The cor. of secs. 5-6-7 and 8 Land mountainous. Soil stony; 4th. rate. Timber cedar and pine. Mountainous land, and heavy timber. 79.98 chs.
40.00	'W. on a random line, bet. secs. 6 and 7 Set temp. $\frac{1}{4}$ sec. cor.
75.00	Intersect W. bdy. of Tp. 7 lks. S. of the cor. of secs. 1-6-7 and 12, heretofore described. Thence I run, S. $89^{\circ}57'W.$ on a true line, bet. secs. 6 and 7 Desc. over mountainous land, through heavy cedar and pine timber.
25.50	Leave cedar and pine timber, foot of steep desc., bears N. and S.

SUBDIVISION OF T.L.S., R.7 W., U.S.B.& M.

CHAINS	and S., enter bottom and dense sage brush.
31.00	old road, bears N. and S.
32.50	Farm Creek 10 lks. wide, course S. 10°W., asc.
35.00	Set a quartzite stone 12x10x8 ins. 8 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
41.00	Leave bottom, ascend broken land, and scattering cedar and pine timber.
75.00	The cor. of secs. 5-6-7 and 8 Land mountainous. Soil stony and loam; 2nd. and 4th. rate. Timber cedar and pine. Mountainous land; and dense undergrowth. 75.00 chs.

N. 0°04'W. bet. secs. 5 and 6

Asc. over mountainous land, through dense sage brush.

4.00	Enter cedar and pine timber, bears E. and W.
8.78	Spur ridge projects S. 70°W., leave timber. Descend.
28.00	Enter heavy cedar and pine timber, bears E. and W.
30.00	Leave cedar and pine timber.
36.00	Enter heavy cottonwood timber.
37.00	Spring branch 6 lks. wide, course SW., leave timber.
40.00	Set a sandstone 15x9x3 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
44.00	Enter scattering cedar and pine timber.
50.00	Leave timber, bears NW. and SE.
56.00	Enter heavy cedar and pine timber, bears NW. and SE.
90.55	Intersect Uintah Special Base line 20:30 chs. W. of St. $\frac{1}{2}$ sec. cor. sec. 32, which is a sandstone 4 x 8 x 4 ins. above ground, firmly set, marked and witnessed as described under contract No. 274 F.M.Lyman Jr. Deputy Surveyor.

SUBDIVISION OF T.L.S., R.7.W., U.S.B.& M.

CHAINS	<p>Set a shale stone 12x12x4 ins. 8 ins. in the ground for closing corner of secs. 5 and 6, mkd. C C on S., and 5 grooves on E., and 1 groover on W. faces; from which</p> <p>A cedar 18 ins. diam. bears S. $65\frac{1}{2}^{\circ}$E. 41 lks. dist. mkd. T L S R 7 W S 5 B T.</p> <p>A pine 24 ins. diam. bears S. 57°W. 42 lks. dist. mkd. T L S R 7 W S 6 B T.</p> <p>Land mountainous.</p> <p>Soil stony; 3rd. and 4th. rate.</p> <p>Timber cedar and pine.</p> <p>Mountainous land; heavy timber, and dense undergrowth. 90.55 chs.</p>
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April 10, 1904.

General Description.

The land in this township is largely mountainous, particularly in the eastern and south eastern portion. In the southwestern portion there is a wide valley of nearly level land, through which the Du Chesne River flows. Along the Farm Creek there is also a valley of considerable extent.

In these valleys the soil is a sandy loam, and is of a very rich character, and would make very desirable farming land.

In the eastern and northern portion of the township the soil is mostly a heavy sand; and the land being mountainous it would be impracticable to attempt to farm it. It makes excellent grazing land, however, and there are now a large number of cattle and horses grazing here.

The mountains in this township are most of them covered with a heavy growth of cedar and pinon pine timber and sage, service, berrry, and squaw brush grow quite rank, both on the mountains and in the valleys.

SUBDIVISION OF T.1 S., R.7 W., U.S.B.& M.

There is an abundance of water in the western portion of the township, but in the eastern portion, though there are a great many springs, the soil being so sandy, the water does not flow very far from the springs.

There is sufficient water flowing in the Farm Creek, most of the year; to irrigate a very large tract of land, and there is abundant water in the Du Chesne River to irrigate all the land that it would be practicable to farm.

In section 52 there is one, and in sec. 31 two Indian settlers. The improvements of two of these not seen from line. It is impossible for me to get at the extent of land and improvements claimed by them, as they either do not understand or will not talk; and there are several pieces of land which were used as instruction farms by the government, and have been given up; and other tracts which were formerly farmed by the Indians, but have since been deserted, and neither of the settlers here has all the land claimed by him, under cultivation.

There is no indication of mineral in this township.

George C. Brown

U.S. Deputy Surveyor.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____ showing the respective capacities in which they acted:

_____, Chainman.

_____, Chainman.

For final affidavits see book "V" T.2 S.R.2 W. _____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____, United States Deputy Surveyor, in surveying all those parts or portions of the _____

of the _____

meridian, _____ of _____, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for _____

For final affidavits see book "V" T.2 S.R.2 W. _____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to before me this _____

day of _____, 190 _____



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from _____, United States Surveyor General for _____, bearing date of the _____ day of _____, 190_____, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for _____, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____.

For final affidavit see book "V" T.2 S.R.2 W.

..... of the
 meridian, in the of which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

United States Deputy Surveyor.

Subscribed by said _____, and sworn to before me }
 this _____ day of _____, 190_____ }



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, December 20, 1904.

The foregoing field notes of the survey of the Subdivisional lines of Township No.1 South, Range No.7 West of the Uintah Special Base and Meridian, Utah,

executed by George C.Swan and Frederick C.Ferron
 their under his contract No. 278, dated September 10, 1903, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

United States Surveyor General.

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4-679.

BOOK A-313

FILED
OCT 25 1904

L.

FIELD NOTES

OF THE SURVEY OF THE

C.

Re-determination

of

The East Boundary

of Township No. 1 South
Range No. 7 West
andThe Mintah Special Base Line
through
Range No. 7 West.of the Mintah Special Base Meridian,
In the State of California.

AS SURVEYED BY

George C. Swan and Frederick T. Duerop United States Deputy Surveyors
Under their Contract No. 278, dated September 10th, 1903Survey commenced April 17th, 1904Survey completed " 11th, 1904

G-161

E. B. Dylan 6-10-97 ✓

U. S. B. line 2-38-03

NAMES AND DUTIES OF ASSISTANTS.

Alfred J. Peterson Chainman.

Oliver W. Lemar Chainman.

Louis Justeson Moundman.

Lawrence Swan Moundman.

Marion Justeson Axman

William Longanecker Axman.

Fred E. Weidner Flagman.

BOOK A-313

INDEX DIAGRAM.

Township _____, *Range* _____

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

WE, Alfred J. Peterson and Oliver W. Leonard

We, do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of *the* *27*.

Wedges Pp. 2, S.R. 2 1/2% payment of C. bds. P.S. R. 77%
special tax and medical. Utah.

Alfred J. Petersen, Chairman.
Oliver W. Lennar, Chairman.

Subscribed and sworn to before me this 3rd day of October,

day of March, 1890 A.D.



WE, Louis Festeson and Lawrina Swan

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment
of corners, according to the instructions given us, to the best of our skill and ability, in the survey of ^{re}
~~1 bds P.1 SR 3 N E bds P.15 R 2 N 37th F. G. bds P.2 SR 27th G. placement of E. bds. N. S. R. 7th and part of line
al Bas line through R. 7th of limited special base
s meridian. Utah.~~
Louis Gubberson, Moundman.

Louis Gubberson, Moundman.

Lawrence Swan, Moundman.

Subscribed and sworn to before me this 31st)

day of March, 18904



WE, Marion Fisher

and *Splendia longirostris*
the duties of axmen in the establishment of co-

the best of our skill and ability, in the survey

William Longenecker, Axman.

Subscribed and sworn to before me this 31st
March 18904



Jed C. Neidner

....., do solemnly swear that I will well and truly

perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the
Msurvey of N. Shady P. S. R. 3 N. E. bdy N. S. R. 2 N. W. E. bdy P. S. R. 2 N. E. bdy, D. S. R. 7 N. E.
Unter Special Base-line through R. 7 N. of the Unter Special Base and meridian, etc.

J. E. Weidner

Subscribed and sworn to before me this 31st



George L. Swan

U. S. Deputy Surveyor

RETRACEMENT OF EAST BOUNDARY OF T.P.1 S.R.7 W.U.S.B.& M.

Chains. Township does not close within allowable limit; therefore I retrace the east boundary as follows:

Retracement commenced April 11, 1904, and executed with the instrument described in book "A" of this survey. On account of recent tests taken at the cor. of secs. 1, 2, 35, and 36 on S.bdy. Tp.1 S.R.7 W.I deem it unnecessary to make a test at this time.

April 11, 1904, at 7 h.0 m.a.m.l.m.t. I set off $40^{\circ}21' N.$, on lat.arc; $8^{\circ}20' N.$ on decl.arc, and determine a true meridian with the solar at the cor. of Tps.1 and 2 S.Rs.6 and 7 W., which is a sandstone 8x14x12 ins. above ground, firmly set, marked and witnessed as described under contract No.270, by Deputies Stewart and Booth.

Thence I run

N.on retracement line bet.secs.31 and 36

39.76 Fall 10 lks.E. of the $\frac{1}{2}$ sec.cor., which is a sandstone 10 x5x5 ins. above ground, firmly set, marked and witnessed as described by Deputies Stewart and Booth, under their contract No.270.

79.55 Fall 23 lks.E. of the cor.of secs.25, 30, 31, and 36, previously described.

The course of this line is, therefore $N.0^{\circ}10' W.$

North on retracement line bet.secs.25 and 30

39.79 Fall 10 lks.E. of the $\frac{1}{2}$ sec.cor., which is a sandstone 18 x10x6 ins. above ground firmly set, marked and witnessed as described by Deputies Stewart and Booth, under their contract No.270.

79.58 Fall 23 lks.E. of cor.of secs.19, 24, 25, and 30, previously described; the course of this line is therefore $N.0^{\circ}10' W.$

North on retracement line bet.secs.19 and 24

39.76 Fall 13 lks.E. of the $\frac{1}{2}$ sec.cor., which is a sandstone 9x5x5 ins. above ground, firmly set, marked and witnessed as

RETRACEMENT OF EAST BOUNDARY OF T.1 S.R.7 W., U.S.B.& M.

Chains described by Deputies Stewart and Booth, under their contract No. 270.

79.54 Fall 24 lks. E. of the cor. of secs. 13, 18, 19, and 24, previously described.

The course of this line is therefore N.0°10'W.

North on retracement line bet. secs. 13 and 18
39.79 Fall 12 lks. E. of the $\frac{1}{4}$ sec. cor., which is a sandstone 12x5x5 ins. above ground, firmly set, marked and witnessed as described by Deputies Stewart and Booth under their contract No. 270.

79.53 Fall 24 lks. E. of the cor. of secs. 7, 12, 13, and 18, heretofore described.

The course of this line is therefore N.0°10'W.

North on retracement line bet. secs. 7 and 12
39.77 Fall 12 lks. E. of the $\frac{1}{4}$ sec. cor., which is a sandstone 12x6x5 ins. above ground, firmly set, marked and witnessed as described by Deputies Stewart and Booth under their contract No. 270.

79.53 Fall 23 lks. E. of the cor. of secs. 1, 6, 7, and 12, previously described.

The course of this line is therefore N.0°10'W.

North on retracement line bet. secs. 1 and 6
39.76 Intersect $\frac{1}{4}$ sec. cor., which is a sandstone 10x9x4 ins. above ground, firmly set, marked and witnessed as described by Deputies Stewart and Booth under their contract No. 270.

93.34 Fall 29 lks. E. of the closing cor. of Tp. 1 S. Rs. 6 and 7 W., which is a sandstone 16x8x5 ins. above ground, firmly set and marked and witnessed as described by Deputies Stewart and Booth under their contract No. 270.

The course of this line is, therefore, N.0°10'W. Apr. 11, 1904.

RETRACEMENT OF UNTAH SPECIAL BASE, THROUGH R.7 W., U.S.B.& M.

CHAINS	
	April 11, 1904, at 4h. p.m. l.m.t. I set off 40°26'N. on lat. arc; 8°27'W. on decl. arc, and determine a meridian with the solar.
	Sec. 3 does not close within limits, therefore I retrace Uintah Special Base line as follows:
	From the standard $\frac{1}{4}$ sec. cor. on S. bdy. of sec. 35 previously described, under contract No. 274 Francis M. Lyman Jr. Deputy Surveyor.
	I run,
	West
39.40	Intersect the standard cor. of secs. 34 and 35, which is a sandstone 6x15x3 ins. above ground, firmly set, marked and witnessed as described under contract No. 274 Francis M. Lyman Jr., Deputy Surveyor.
	Thence I run,
	West on S. bdy. of sec. 34
39.45	Intersect standard $\frac{1}{4}$ sec. cor., previously described.
79.30	Intersect the standard cor. of secs. 33 and 34, which is a sandstone 6x12x4 ins. above ground, firmly set, marked and witnessed, as described under contract No. 274 Francis M. Lyman Jr., Deputy Surveyor.
	Thence I run,
	West on S. bdy. of sec. 33
39.77	The standard $\frac{1}{4}$ sec. cor., previously described.
79.43	Intersect the standard cor. of secs. 32 and 33, which is a sandstone 6x6x4 ins. above ground, firmly set, marked and witnessed, as described under contract No. 274, Francis M. Lyman Jr., Deputy Surveyor.
	This is sufficient retracement to close my work, therefore I discontinue same.
	April 11, 1904.
	<i>George L. Brown</i> U.S. Deputy Surveyor.

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BOUNDARIES OF T.1 S.R.7 W.U.S.B.& M.

LATITUDES, DEPARTURES, AND CLOSING ERRORS.

Line Designated	True Bearing	Dis- tance	Latitudes		Departures.	
			N. chs.	S. chs.	E. chs.	W. chs.
South bdy.	S.89°54' W.	475.80	.....	.83	.....	475.80
West bdy.	North	490.41	490.41	.....	.....	.....
Uintah Special Base: Sec.31 R.7 W. East		55.50	.....	.....	55.50	.....
Sec.32	East	80.00	.....	.....	80.00	.....
Sec.33	East	79.43	.....	.....	79.43	.....
Sec.34	East	79.20	.....	.....	79.20	.....
Sec.35	East	79.40	.....	.....	79.40	.....
Sec.36	East	80.00	.....	.....	80.00	.....
Sec.31 R.6 W.		20.37	.....	.....	20.37	.....
E.bdy.	S.0°10' E.	490.97	.....	490.97	1.43	.....
Convergency					.61	
Totals			490.41	491.80	475.94	475.80
					<u>490.41</u>	<u>475.80</u>
Error in lat.and dep.					<u>1.39</u>	<u>.14</u>

George C. Brown
U.S. Deputy Surveyor.

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____

_____, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____

showing the respective capacities in which they acted:

_____, Chainman.

_____, Chainman.

For final affidavits see book "T. T. 2 S.R. 2 W. _____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____

_____, United States Deputy Surveyor, in surveying all those parts or portions of the _____

of the _____

meridian, _____ of _____, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for _____

_____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to before me this _____

day of _____, 190 _____



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from _____, bearing date of the United States Surveyor General for _____, day of _____, 190_____, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for _____, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____.

For final affidavit see book r. T. 2. S.R. 2. W.

of the _____

meridian, in the _____ of _____, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

United States Deputy Surveyor.

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 190_____ }



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, December 20, 1904.

The foregoing field notes of the survey or retracement of the East boundary of Township No. 1 South, Range No. 7 West; and a portion of the Uintah Special Base line through Range No. 7 West of the Uintah Special Base and Meridian, Utah,

executed by George C. Swan and Frederick G. Ferron under their contract No. 278, dated September 10, 1903, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward H. Anderson
United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

United States Surveyor General.

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BOOK A-313

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FIELD NOTES

Re
OF THE SURVEY OF THE

a.c.: South and
 Retracement of the West
 Boundaries of
 Township No. 1 South
 Range No. 3 West

of the Uintah Special Base and Meridian,
 In the State of Utah

AS SURVEYED BY

George C. Swain & Frederick P. Guron, United States Deputy Surveyor,
 Under his Contract No. 2778, dated September 10th, 1890.

Re-Survey commenced April 12th, 1890.

Re-Survey completed " 21st, 1890.

6-151
 Res. S. B. by D. P. G.
 Rec'd R. H. L. 5. 79-17 ✓
 79.80 ✓
 Ch. J. 11-75 ✓

-10 ✓

11-75 ✓

NAMES AND DUTIES OF ASSISTANTS.

Alfred J. Petersons chairman

Oliver N. Ternar "

Louis Justeson moundman

Lawrence Swan "

Major Justeson admiral

William Longmire "

Rud E. Heidner flag man

For preliminary affidavits see book "L" T.1 S.R.7 W.

BOOK A-313

INDEX DIAGRAM.

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Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, and
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

, Chainman.

, Chainman.

Subscribed and sworn to before me this }
day of , 190 }



WE, and
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

, Moundman.

, Moundman.

Subscribed and sworn to before me this }
day of , 190 }



WE, and
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

, Arman.

, Axman.

Subscribed and sworn to before me this }
day of , 190 }



I, , do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

, Flagman

Subscribed and sworn to before me this }
day of , 190 }



RESURVEY OF THE S. BOUNDARY OF T. 1 S. R. 3 W. U. S. B. and M.

Survey commenced April 12th, 1904, and executed with the instrument described in book "A" of this survey. I examine the adjustments of the transit and find them correct; then, to test the solar apparatus by comparing its indications resulting from solar observations made during p.m. and a.m. hours with the meridian determined by Polaris observations, I proceed as follows:

At the cor. of Tps. 1 and 2 S. Ranges 3 and 4 W., lat. $40^{\circ} 21' 07''$ N.; long. $110^{\circ} 18' 34''$ W., which is a sandstone 15x10 x8 ins. above ground, firmly set and marked and witnessed as described by the surveyor general.

At 4 h.p.m.l.m.t. I set off $8^{\circ} 49' N.$ on lat.arc; $40^{\circ} 21' N.$ on decl.arc; and determine a true meridian with the solar, and mark a point thereof on a stone firmly set in the ground 5 chs. N. of my station.

At 12 h.0 m.p.m.l.m.t. I observe Polaris at lower culmination in accordance with Manual of Instructions; the meridian thus determined falls on a pole set on the mark determined by p.m. solar observation.

April 12, 1904.

April 13th: At 7 h.a.m.l.m.t. I set off $40^{\circ} 21' N.$ on lat arc; $9^{\circ} 4' N.$ on decl.arc; and determine a true meridian with the solar; the meridian thus determined falls on a pole set on a mark determined by p.m. solar and Polaris observation.

The solar apparatus by p.m. and a.m. hours defines position for meridian same as Polaris observations; therefore I conclude the adjustments of the instrument are correct.

The magnetic bearing of the true meridian at 7 h. 15 m.a.m.l.m.t. is N. $16^{\circ} 45' W.$; the angle thus determined gives the magnetic decl. $16^{\circ} 45' E.$

From the above described cor. I run

RESURVEY OF THE S.BOUNDARY OF T.1 S.R.3 W.U.S.E. and M.

S. $89^{\circ}57'E$.on retracement line bet.secs.6 and 31
on S.bdy.of Tp.

39.00 chs. after diligent search no trace of the old $\frac{1}{4}$
sec.cor.can be found.

79.10 After diligent search no trace of the old sec.
cor.can be found;therefore I continue my retracement
along the S.bdy.of the Tp.and find many of the cors.en-
tirely obliterated, and others.in bad condition;and at
479.17 chs.I find the cor.of Tps.1 and 2 S.Rgs.2 and 3
W.,which is a sandstone 28x14x12 ins.lying loose on the
ground,mkd.as described by the surveyor general 12 lks.
N.;I reset same stone 23 ins.in the ground for reestab-
lished cor.of Tps.1 and 2 S.Rs.2 and 3 W.,and raise a
mound of stone 3 ft.base 2 ft.high S.of cor.

The course of this.line is, therefore, $S.89^{\circ}58'E$.

From the cor.of Tps.1 and 2 S.Rgs.3 and 4 W.,heretofore
described,I resurvey S.bdy.of Tp.as follows:

S. $89^{\circ}58'E$.on resurvey line along S.bdy.of Tp.,bet.
secs.6 and 31

Over rolling land through dense Artemisia.

39.17 After diligent search no trace of the old $\frac{1}{4}$ sec.cor.can
be found;place a mdk stone 12 ins.in the ground for re-
established $\frac{1}{4}$ sec.cor.,and dig pits 18x18x12 ins.E.and
W.of cor.4 ft.dist.;and raise a mound of earth $3\frac{1}{2}$ ft.
base $1\frac{1}{2}$ ft.high over deposit. In E.pit drive a pine
stake 2 ft.long 2 ins.sq.12 ins.in the ground,marked $\frac{1}{4}$
S 31 on N.6 on S.face.

79.17 After diligent search no trace of the old cor.of secs.
5,6,31, and 32 can be found,

Set a cobble stone 12x12x8 ins.8 ins.in the ground for
reestablished cor.of secs.5,6,31, and 32,mkd.1 notch on
W.and 5 notches on E.edges;and dig pits 18x18x12 ins.in
each section $5\frac{1}{2}$ ft.dist.,and raise a mound of earth 4
ft.base 2 ft.high N.of cor.

RESURVEY OF S BDY. OF T 1 S R 3 W. U. S. B. and M.

CHAINS

- Land rolling.
Soil sandy, 2nd. rate.
To timber.
Dense undergrowth. 79.17 chs.
-
- S. $89^{\circ}58'$ E. on re-survey line bet. secs 5 and 32.
Over rolling land through dense sage.
- 10.60 Enter scattering cedar timber.
Descend.
14.00 Sandstone ledges 10 ft. high bear N and S.
20.00 Descend over sandstone ledge, bears N and S.
40. 0 After diligent search no trace of the old $\frac{1}{4}$ sec. cor. can be found.
Set a cobble stone 16X16X5 ins. 11 ins. in the ground for re-established $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{4}$ on N. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
42.25 Bottom of canon 200 ft. deep, course S W.
Ascend.
46.00 Sandstone ledges 15 ft. high bear N E and S W.
80.00 After diligent search no trace of the old sec. cor. can be found. Set a sandstone 18X18X12 ins. 12 ins. in the ground for re-established sec. cor for secs. 4, 5, 32 and 33, mkd. 2 notches on W. and 4 notches on E. edges, and raise mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
Land broken.
Soil sandy, 2nd. and 3rd. rate.
Timber, cedar.
Dense undergrowth. 80.00 chs.
-
- S. $89^{\circ}58'$ E. on new survey line bet. secs. 4 and 33.
Over rolling land through dense sage brush and scattering cedar timber.
- 40.00 After diligent search no trace of the old cor of secs

RESURVEY OF S BDY' OF T. 1 S R 3 W. U. S. B. and M.

CHAINS

$\frac{1}{2}$ cor. can be found.

Set a sandstone 16X12X5 ins. 11 ins. in the ground for re-established $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{2}$ on N. face, from which A cedar tree 24 ins. in diam bears N $8^{\circ}E$. 47 lks. dist mkd. $\frac{1}{4}$ S 33 B T.

A cedar tree 20 ins. in diam bears S $5\frac{1}{2}^{\circ}W$, 62 lks dist. mkd. $\frac{1}{4}$ S 4 B T.

80.00 After diligent search no trace of the old sec. cor can be found. Set a sandstone 14X6X6 ins. 10 ins. in the ground for re-established cor. of secs 3, 4; 33 and 34. mkd. 3 notches on E and W. edges, and dig pits 18X18X12 ins. in each sec. $5\frac{1}{2}$ ft. dist, and raise mound of earth 4 ft. base 2 ft. high W. of cor.
Land rolling.
Soil sandy, 3rd. rate.
Timber, cedar.
Dense undergrowth. 80.00 chs.

S. $89^{\circ}58'$ E. from resurvey line bet. secs. 3 and 34.

Over rolling land through scattering cedar and dense sage brush.

40.00 After diligent search no trace of the old $\frac{1}{4}$ sec. cor can be found.
Set a sandstone 15X6X6 ins. 10 ins. in the ground for re-established $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{2}$ on N. face, and dig pits 18X18X12 ins. E. and W. of stone 3 ft. dist, and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.

77.35 Dry wash in ravine 100 ft. deep, course S.
Ascend.

80.00 After diligent search no trace of the old sec. cor. can be found.
Set a sandstone 36X12X6 ins. 27 ins. in the ground, and mound of stone, for re-established cor. of secs

RESURVEY OF S BDY. OF T. 1 S R 3 W. U. S. B. and M.

CHAINS

2, 3, 34 and 35, mkd. with 2 notches on E and 4 on W. edges, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.

Land rolling and broken.

Soil stony 3rd. and 4th. rate.

Timber, cedar.

Dense undergrowth. 80.00 chs.

S. $89^{\circ}58'$ E. on resurvey line bet. secs 2 and 35.

Ascending over mountainous land through scattering cedar and dense sage brush.

40.0 After diligent search no trace of the old $\frac{1}{4}$ sec. cor can be found.

Set a sandstone 14X10X8 ins. 10 ins in the ground for re-established $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{4}$ on N. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

43.00 Ravine 15' ft. deep, course S E.

Ascend.

60.00 Flat spur, projects S E..

70.00 Begin steep descent, bears N W and S E.

77.50 Dry Gulch Creek, 15 lks, wide, course SE.

79.50 Elbow of Dry Gulch Creek, from SW. to SE.

80.00 After diligent search no trace of the old sec. cor can be found.

Set a sandstone 15X12X8 ins. 10 ins. in the ground for re-established cor. of secs. 1, 2, 35 and 36 mkd. 1 notch on E and 5 on W edges, from which,

A cotton wood tree 6 ins. in diam bears S $18\frac{1}{2}^{\circ}$ E 85 lks. dist, mkd T 2 S R 3 W S 1 B T.

A cedar tree 12 ins. in diam. bears N $16\frac{1}{2}^{\circ}$ W 96 lks. dist. mkd. T 1 S R 3 W S 35 B T.

No other bearing trees within limit, raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.

Land rolling and mountainous.

RESURVEY OF S. EDY OF T. I S R-S W. U. S. E. and N.

CHAINS

Soil stony, 2nd. and 3rd. rate.

Timber, cedar.

Mountainous land and dense undergrowth. 80.00 chs.

S. $89^{\circ}58'$ E. on resurvey line bet. secs 1 and 36.

over rolling land through dense sage brush.

9.75 Old road, bears N W and S E.

16.00 Enter scattering cedar.

27.00 Draw, course S W.

40.50 After diligent search no trace of the old $\frac{1}{4}$ sec. cor
can be found.

Set a sandstone 16X12X8 ins. 11 ins. in the ground for
re-established $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{2}$ on N face, and raise
mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.

61.00 Top of steep ascent, over high table land, bears N.
and S.

71.70 Begin steep ascent, bears N. and S.

89.00 The cor. of Tps' 1 and 2 S, Rgs. 2 and 3 W. heretofore
described.

Land mountainous.

Soil stony 4th. rate.

Timber, cedar.

Mountainous land. 80.00 chs.

Note: Cloud obscures the sun can take no obser-
vation for lat. this day.

April 13th., 1904.

For general description see subdivisions of this Tp.

George L. Brown
Deputy Surveyor.

RETRACEMENT OF WEST BOUNDARY T.1 S., R.3 W., U.S.B.&M.

CHAINS	<p>Survey commenced April 21st., 1904, and executed with the instrument described in Book "A" of this survey. I know the instrument to be in adjustment from recent tests made at the corner of Tps. 1 and 2 S., Rgs. 3 and 4 W., and recorded in this book.</p> <p>At 4 p.m. l.m.t. I set off $40^{\circ}25'N.$ on lat. arc; $11^{\circ}59'W.$ on decl. arc, and determine a true meridian with the solar at the cor. of secs. 1-6-7 and 12 on W. bdy. of Tp., previously described.</p> <p>Sec. 1 does not close within limit, therefore I retrace W. bdy. of Tp. as follows:</p> <p>From the above cor. I run N.</p> <p>On W. bdy. of Tp. between secs. 1 and 6 on blank line.</p>
39.50	<p>Find the old $\frac{1}{4}$ sec. cor., which is a sandstone 12x10x6 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General on line.</p>
79.80	<p>I find the old closing corner to Rgs. 3 and 4 W., which is a sandstone 16x12x6 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General, which I remark as the NE. cor. of Tp. 1 S., R.4 W. only, on line, 11.75 chs. E. of the old Base Line cor. of Tp. 1 N. Rg. 4 W., which is a sandstone 12x12x6 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General.</p>

For general description see subdivision of this Tp.

George G. Swan
U.S. Deputy Surveyor.

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____

_____, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____

showing the respective capacities in which they acted:

_____, Chainman.

_____, Chainman.

For final affidavits see book "T" 2 S.R.2 W. _____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____

_____, United States Deputy Surveyor, in surveying all those parts or portions of the _____

_____ of the _____

_____ meridian, _____ of _____, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for _____

For final affidavits see book "T" T.2 S.R.2 W. _____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to before me this _____
day of _____, 190 _____ }



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from _____, United States Surveyor General for _____, bearing date of the _____ day of _____, 190_____, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for _____, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____.

For final affidavit see book "T" T.2 S.R.2 W.

..... of the
..... meridian, in the of which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

United States Deputy Surveyor.

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 190_____ }

SEAL
of the
United States Surveyor General

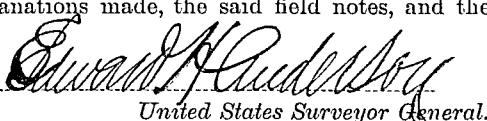
APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, December 20, 1904.

The foregoing field notes of the Survey of Resurvey of South, and Retraceme nt of the West Boundaries of Township No.1 South, Range No.3 West o f the Uintah Special Base and Meridian, Utah,

executed by George C. Swan and Frederick C. Ferron
their under his contract No. 278, dated September 10, 1903, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.


Edward H. Gardner
United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

United States Surveyor General.

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FIELD NOTES

OF THE SURVEY OF THE

East

Boundary of
Township No. 1 South.
Range No. 3 West.

of the Uintah Special Base and Meridian,
In the State of Utah

AS SURVEYED BY

George C. Guarnsey and D. G. Pearson, United States Deputy Surveyor

Under his Contract No. 278, dated September 10th, 18

Survey commenced April 13th, 18

Survey completed " "

c-151

Length 6-05-47
City J. G. S.

NAMES AND DUTIES OF ASSISTANTS.

Alfred J Peterson chairman

Oliver F. Leman "

Louis Justeson moundsman

Lawrence Swan "

Marion Justeson alman

William Longanecker "

Dick C. Heidner flagman

BOOK A-313

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Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

WE, Alfred J. Petersonand Oliver W. Lennar

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

C. Bdy. P. 1 S. R. 3 N. 4th S. bdy. P. 1 S. R. 2 N. Minto Special Base and Meridian, State of Utah.

Alfred J. Peterson, Chairman.
Oliver W. Lennar, Chairman.

Subscribed and sworn to before me this 31st
day of March, 1890 {

WE, Louis Justeson

George C. Smart
H. S. Deputy Surveyor

Lawrence Swan

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

C. Bdy. P. 1 S. R. 3 N. 4th S. bdy. P. 1 S. R. 2 N. Minto Special Base and Meridian, State of Utah.

Louis Justeson, Moundman.
Lawrence Swan, Moundman.

Subscribed and sworn to before me this 31st
day of March, 1890 {

WE, Marion JustesonGeorge C. SmartH. S. Deputy SurveyorWilliam Longmire

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

C. Bdy. P. 1 S. R. 3 N. 4th S. bdy. P. 1 S. R. 2 N. Minto Special Base and Meridian, State of Utah.

Marion Justeson, Axman.William Longmire, Axman.

Subscribed and sworn to before me this 31st
day of March, 1890 {

I, Fred E. WeidnerGeorge C. SmartH. S. Deputy Surveyor

, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

C. Bdy. P. 1 S. R. 3 N. 4th S. bdy. P. 1 S. R. 2 N. Minto Special Base and Meridian, State of Utah.

Fred E. Weidner, Flagman.

Subscribed and sworn to before me this 31st
day of March, 1890 {

George C. SmartH. S. Deputy Surveyor

EAST BDY OF T.1 S.R.3 W.U.S.B. and M.

Chains.

Survey commenced April 13th, 1904, and executed with the instrument described in book "A" of this survey. I know the instrument to be in adjustment from recent tests made at the cor. of Tps. 1 and 2 S.Rgs. 3 and 4 W., and recorded in book "M" of this survey. At 7 h.a.m.l.m.t., I set off 40°21' N. on lat.arc; 9° 04' N. on decl.arc; and determine a true meridian with the solar at the cor. of Tps. 1 and 2 S.Rgs. 2 and 3 W. heretofore described: lat. 40°21' N.; long. 110°11'48" W. Thence I run

- North on E.bdy.of Tp.bet.secs.31 and 36
- Over broken land, covered with boulders and broken sandstone ledges; through heavy scrub cedar.
- 30.00 Hollow course E.; ascend.
- 40.00 Falls on sandstone ledge on which Cut a cross (X) at the corner point for $\frac{1}{4}$ sec.cor. marked $\frac{1}{4}$ on W. of cross; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
- 55.00 Sandstone ledge 40 ft. high bears NE. and SW.
- 58.00 Spur projects E.; descend.
- 64.00 Sandstone ledge 25 ft. high bears NW. and SE.
- 70.00 Dry run course SW.; ascend.
- 80.00 Set a sandstone 15x12x8 ins. 10 ins. in the ground for cor. of secs. 25, 30, 31, and 36, mkd. 1 notch on S. and 5 on N. edge; and raise mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
- Land mountainous.
- Soil stony; 4th rate.
- Timber scrubby cedar.
- Mountainous land and dense undergrowth 80.00 chs.

N.bet.secs.25 and 30

Over broken land covered with boulders and dense

EAST BDY.OF T.1 S.R.3 W.U.S.B.and M.

Chains.	scrubby cedar.
8.50	Spur projects S.20°W.;along nearly level bench.
19.75	Leave cedar timber bears E.and W.
	Enter dense sagebrush.
40.00	Deposit a mkd.stone 12 ins.in the ground for $\frac{1}{4}$ sec. cor.;and dig pits 18x18x12 ins.N.and S.of cor. 4 ft. dist.;and raise a mound of earth $3\frac{1}{2}$ ft.base $1\frac{1}{2}$ ft. high over deposit. In S.pit drive a pine stake 2 ft.long 2 ins.square 12 ins.in the ground marked $\frac{1}{4}$ S 25 on W.,and 30 on E.face.
80.00	Set a sandstone 14x8x7 ins.10 ins.in the ground for cor.of secs.19,24,25, and 30;mkd 4 notches on N. and 2 notches on S.edges;dig pits 18x18x12 ins.in each sec. $5\frac{1}{2}$ ft.dist.;and raise mound of earth 4 ft. base 2 ft.high W.of the cor. Land broken and rolling. Soil stony loam;2d and 4th rate. Timber scrubby cedar. Broken and rolling land;heavy timber and dense undergrowth 80.00 chs.
	N.betsecs.19 and 24
40.00	Over gravelly loam dense sagebrush and rolling land. Set a cobble stone 15x10x4 ins.10 ins.in the ground for $\frac{1}{4}$ sec.cor.,mkd $\frac{1}{4}$ on W.face;and dig pits 18x18x12 ins.N.and S.of cor.3 ft.dist.;and raise a mound of earth $3\frac{1}{2}$ ft.base $1\frac{1}{2}$ ft.high W.of cor.
80.00	Set a cobble stone 18x10x8 ins.12 ins.in the ground for cor.of secs.13,18,19, and 24,mkd with 3 notches on the N.and 3 notches on the S.edges;and raise a mound of stone 2 ft.base $1\frac{1}{2}$ ft.high W.of cor. Land broken and rolling. Soil stony loam;2nd rate. No timber. Broken and rolling land and dense undergrowth 80.00chs.

EAST EDY. OF T. 1 S. R 3 W. U. S. B. and M.

CHAINS	
	N. bet secs. 13 and 18, over rolling land and dense sage brush.
2.50	Enter heavy scrubby cedar, bears N.E. and S.W. Steep descent over cobble rock.
12.00	Foot of descent, leave cedar, bears N.E. and S.W.
40.00	Set a sandstone 16X14X4 ins. 11 ins. in the ground for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{2}$ on W. face, and raise mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.
80.00	Set a sandstone 18X12X5 ins. 12 ins. in the ground for cor. of secs. 7, 12, 13 and 18, mkd. with 2 notches on the N. and 4 notches on S. edges, and raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high. W. of cor. Land rolling. Soil loam and sandy, 1st. and 3rd. rate. Timber, heavy scrubby cedar. Rolling land covered with dense undergrowth; and heavy timber. 80.00 chs.
	N. bet. secs. 7 and 12, through dense sage brush and over sandy soil; and rolling land.
40.00	Set a cobble stone 20X12X8 ins. 15 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{2}$ on W. face, and raise mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.
60.00	Enter scattering cedar timber.
71.00	Enter heavy cedar timber, bears S.E. and N.W.
80.00	Set a cobble stone 18X8X6 ins. 12 ins. in the ground for cor. of secs 1, 6, 7 and 12, mkd. with 1 notch on the N. and 5 notches on S. edges, from which, A cedar tree 8 ins. in dia. bears N. 8° E. 22 lks. dist. mkd, T 1 S R 2 W S 6 B T A cedar tree 8 ins. in dia., bears S. 75° E. 40 lks. dist mkd. T 1 S R 2 W. S7 B T. A cedar tree 12 ins. in dia. bears S 25° W 66 lks. dist, mkd T 1 S R 3 W S 12 B T.

EAST BDY. OF T. 1 S R 3 W U S B and M.

CHAINS

A cedar tree 12 ins. in diam. bears N 74°W. 163 :lks dist. mkd. T 1 S R 3 W S 1 B T.

Land rolling.

Soil sandy. 2nd. and 3rd. rate.

Timber, scrubby cedar.

Dense undergrowth. 80.00 chs.

N. bet. secs. 1 and 6, through heavy cedar and dense Artimea.

22.00 Leave timber, bears N E and S W .

40.00 Set a cobble stone 16X8X6 ins. 11 ins. in the ground for $\frac{1}{2}$ sec. cor mkd. $\frac{1}{2}$ on W. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

69.00 Enter heavy cedar timber.

85.47 Intersect Uintah Special Basē Line 7.43 chs. E. of St. cor of Tps' 1 N. Rgs. 2 and 3 W. which is, a trachyte stcne 9x8x6 ins. above ground, firmly set and mkd. and witnessed as described under contract No 266, Harvey D. Hoist, Deputy Surveyor.

Set a cobble stone 16X10X8 ins. 11 ins. in the ground for closing cor. to Tp. 1 S. Rgs. 2 and 3 W. mkd. C C on S with 6 grooves on E. S. and W. faces, from which a cedar treec 7 ins. in diam. bears S 5° E. 33 lks dist, mkd T 1 S R 2 W S 6 B T.

A cedar tree 3 ins. in diam. bears S. 51° W. 68 lks. dist. mkd. T 1 S R 3 W S 1 B T.

Land rolling.

Soil sandy 1st. and 2nd. rate.

Timber cedar.

Dense undergrowth. 85.47 chs.

Note: Cloud obscures the sun, can take no observation for lat. this day.

EAST BOUNDARY OF T.1 S., R.3 W., U.S.B. and M.

For general description see subdivision of this Tp.

Latitude, departures, and closing errors.

Line	True Bearing	Distance chs.	Latitude N. chs. S. chs. E. chs. W. chs.	Departure 479.17 479.17
Designated				
S. Bdy.	N. 89°58'W.	479.17	.28	
W. "	North	479.80	479.80	
Retracement of part of sec. 1	West	11.75		11.75
Retracement of part of sec. 1	North	6.00	6.00	
Uintah Special Base Line	East	487.93		487.93
E. Bdy.	South	485.47		485.47
Convergency				.61
Totals		486.08	485.47 488.54	490.92
		<u>485.47</u>		<u>488.54</u>
Errors in latitude and departure		.61		2.38

George C. Swan
U.S. Deputy Surveyor.

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____

_____, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____

showing the respective capacities in which they acted:

For final affidavits see book "P" T. 1 S.R.2 W. _____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____

_____, United States Deputy Surveyor, in surveying all those parts or portions of the _____

of the _____

_____ meridian, _____ of _____, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for _____

_____, Chainman.

For final affidavits see book "P" T. 1 S.R.2 W. _____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to before me this _____
day of _____, 190 _____ }



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from _____, bearing date of the United States Surveyor General for _____, day of _____, 190_____, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for _____, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____.

For final affidavits see book "P" T.1 S.R.2 W.

of the _____ meridian, in the _____ of _____, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

United States Deputy Surveyor.

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 190_____ }



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, December 20, 190____

The foregoing field notes of the survey of the East Boundary of Township No.1 South, Range No.3 West of the Uintah Special Base and Meridian, Utah,

executed by George C. Swan and Frederick C. Ferron
under their contract No. 278, dated September 10, 1903, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward M. Audley
United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

United States Surveyor General

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BOOK A-313

FILED

OCT 13 1904

FIELD NOTES

OF THE SURVEY OF THE

SubdivisionofTownship No. 1 South
Range No. 3 Westof the Uintah Special Base and Meridian,
In the state of Utah

AS SURVEYED BY

George C. Swan & Frederick T. Brown, United States Deputy Surveyors,Under this Contract No. 278, dated September 10th, 1903Survey commenced April 14th, 1904Survey completed April 21st, 1904

6-151

High	60 22 63'
Low	42 50'

NAMES AND DUTIES OF ASSISTANTS.

Alfred J. Peterson Chairman

Oliver N. Leman

Louis Justeson mountman

Lawrence Sian "

Marion Justeson admn

William Longenecker "

Red E. Spedres flagman

For final affidavits see book K. T. 1 S., R. 7 W.

BOOK A-313

INDEX DIAGRAM.

Township 1 SOUTH, Range 3 WEST

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18	17	16	15	14	13
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30	29	28	27	26	25
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PRELIMINARY OATHS OF ASSISTANTS.

We and
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

....., Chainman.

....., Chainman.

Subscribed and sworn to before me this }
day of , 190 }



We, and
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

....., Moundman.

....., Moundman.

Subscribed and sworn to before me this }
day of , 190 }



We, and
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

....., Axman.

....., Axman.

Subscribed and sworn to before me this }
day of , 190 }



I, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

....., Flagman.

Subscribed and sworn to before me this }
day of , 190 }



SUBDIVISION NOFT. 1, S., R. 3, W., U.S.E. & M.

CHAINS	Survey commenced April 14, 1904, and executed with the instrument described in Book "A" of this survey. I know the instrument to be in adjustment from recent tests made at the cor. of Tps. 1 and 2 S., Rs. 3 and 4 W., April 11th. and 12th., and recorded in Book <i>M</i> of this survey.
	At the re-established cor. of secs. 1-2-35 and 36 on S. bdy. of Tp. Lat. $40^{\circ}21'07''$ N. Long. $110^{\circ}12'56''$ W., previously described.
	At 7h. a.m. l.m.t. I set off $40^{\circ}21'07''$ N. on lat. arc; $9^{\circ}25'$ N. decl. arc, and determine a true meridian with the solar. Thence I run,
	N. $0^{\circ}01'W.$ bet. secs. 35 and 36.
	Ascend through dense sage brush.
17.50	Old road, bears NW. and SE.
20.50	Begin steep ascent, through scattering cedars, bears NW. and SE.
40.00	Falls on sandstone boulder $3 \times 1 \times 2$ ft. above ground, mkd. with cross (X) on boulder, for $\frac{1}{4}$ sec. cor., with $\frac{1}{4}$ on W. of cross, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
43.00	Top of steep ascent, bears NW. and SE. over rolling land.
50.00	Set a cobble stone $14 \times 10 \times 8$ ins., 10 ins. in the ground, for cor. of secs. 25-26-35 and 36, mkd. with 1 notch on S. and E. edges, and dig pits $18 \times 18 \times 12$ ins. in each sec., $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
	Land broken.
	Soil stony and sandy, 2nd. and 3rd. rate.
	Timber cedar.
	Dense undergrowth. 80.00 chs.
	S. $89^{\circ}58'W.$ on a random line, bet. secs. 25 and 36
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.92	Intersect E. bdy. of Tp. 21 lks. N. of the cor. of secs. 25-30-31 and 36, previously described.

EXCEMPTIONS OF 2-1-8., 2-2-8., 2-3-8.

ARTICLE I.

ARTICLE I.

ARTICLE I. - 2-1-8., 2-2-8., 2-3-8.

ARTICLE I.

ARTICLE I. - 2-1-8., 2-2-8., 2-3-8.

ARTICLE I. - 2-1-8., 2-2-8., 2-3-8.

ARTICLE I. - 2-1-8., 2-2-8., 2-3-8.

ARTICLE I.

ARTICLE I. - 2-1-8., 2-2-8., 2-3-8.

ARTICLE I.

ARTICLE I. - 2-1-8., 2-2-8., 2-3-8.

ARTICLE I.

SUBDIVISION OF T. 1 S. R 3 W. U. S. B. and M.

CHAINS

Dense undergrowth, 80.00 chs.

S. $89^{\circ}57'$ E. on random line bet. secs. 24 and 25.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.86 Intersect E. bdy. of Tp. 7 lks. N. of the cor of secs. 19, 24, 25 and 30, previously described.

Thence I run,

N. $89^{\circ}54'$ W. on true line bet. secs. 24 and 25

Descending over rolling land through dense sage and scrubby cedar brush.

39.93 Set a cobble stone 15X10X8 ins. 10 ins. in the ground for $\frac{1}{2}$ sec. cor, mkd. $\frac{1}{4}$ on N. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.

75.60 Steep descent, bears N E and S W.

79.86 The cor. of secs. 23, 24, 25 and 26.

Land rolling.

Soil sandy and stony, 2nd. and 3rd. rate.

Dense undergrowth. 79.86 chs.

N. $0^{\circ}1'$ W. bet. secs. 23 and 24.

Descending over stony land, through dense sage and scattering scrubby cedar.

25. 0 Mouth of ravine 250 ft. deep, course S W. ascend.

32.00 Top of steep ascent, over rolling land, bears N E and S W.

40.00 Set a sandstone 18X12X10 ins. 12 ins. in the ground for $\frac{1}{2}$ sec. cor, mkd. $\frac{1}{4}$ on W. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.

46.00 Begin steep descent, bears N W and S W.

66.00 Foot of steep descent, leave cedar timber, bears N 10° E. S. 10° W.

Along bottom.

80.00 Set cobble stone 16X9X6 ins. 11 ins. in the ground for cor. of secs. 13, 14, 23 and 24, mkd. 3 notches on S.,

SUBDIVISION OF T. 1 S. R 3 W. U. S. B. and M.

CHAINS and 1 notch on E. edges;
raise mound of stone 2 ft. base and $1\frac{1}{2}$ ft. high W. of cor.

Land broken

Soil stony and loam. 1st. and 3rd. rate.

Timber, cedar:

Dense undergrowth. 80.00 chs.

S. $89^{\circ}54'$ E: on random line bet. secs 13 and 24.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.88 Intersect E. bdy. of Tp. 19 1ks. S of the cor. of secs 13, 18, 19 and 24.

Thence I run,

S. $89^{\circ}58'$ W. bet. secs. 13 and 24. Over rolling land through dense sage brush.

3.00 begin steep descent through heavy cedar timber, bears N E and S W.

21.00 foot of steep descent; leave cedar, bears N E and S W.

26.50 Dry run, course S W.

Ascend.

39.94 Set a cobble stone 14X10X6 ins. 10 ins. in the ground for $\frac{1}{2}$ sec. cor, mka. $\frac{1}{2}$ on N. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft high N. of cor.

69.50 Enter scrubby cedar. Steep descent, bears N E and S W.

77.00 Foot of steep descent, bears N E and S W.

Enter bottom.

79.88 The cor. of secs. 13, 14, 23 and 24.

Land broken,

Soil stony and loam, 2nd. and 3rd. rate.

Timber, cedar.

Dense undergrowth. 79.88 chs.

April 14th., 1904.

At this cor. I set off, $89^{\circ}29'$ N. on decl. arc and at 12 noon, observed the sun on the meridian. The re-

SUBDIVISION OF T. 1 S. R 3 W. U. S. B. and M.

CHAINS

sulting lat. $40^{\circ} 24' N.$

N. $0^{\circ} 1'$ W. bet. secs. 13 and 14., over bottom land through dense sage.

- 1.00 Dry Gulch Creek, .30 lks. wide, muddy water, flows S. $10^{\circ} W.$
- 7.00 Road, bears N. $20^{\circ} W.$.
- 9.00 Leave bottom, begin steep ascent, through heavy scrub cedar, bears N E and S W.
- 21.00 Top of steep ascent, over rolling land, bears S. $20^{\circ} W.$ and N. $20^{\circ} E.$ Leave cedar.
- 40.00 Set a sandstone 15X10X5 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ n W. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
- 46.00 Enter scrub cedar, bears E. and W.
- 59.50 Steep descent. bears N W and S E.
- 69.75 Foot of steep descent enter bottom bears, N. $20^{\circ} W.$ S. $20^{\circ} E.$ Leave cedar.
- 72.00 Old road, bears N. $15^{\circ} W.$ S. $15^{\circ} E.$
- 80.00 Set a cobble stone 20X10X8 ins. 15 ins. in the ground for cor. of secs. 11, 12, 13 and 14, mkd. 1 notch on E. and 4 on S. edges, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
- Land broken.
- Soil stony, 3rd. rate.
- Timber, cedar.
- Dense undergrowth. 80.00 chs.
-
- N. $89^{\circ} 58'$ E. on random line bet. secs. 12 abd 13.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.00 Intersect E. bdy. of Tp. 9 lks. S. of the cor. of secs. 7, 12, 13 and 18, previously described.
- Thence run,
- S. $89^{\circ} 54' W.$ on true line bet. secs. 12 and 13, over

SUBDIVISION OF T. 1 S. R 3 W. U. S. B. and M.

CHAINS	rolling land through dense sage brush.
40.00	Set cobble stone 18X10X5 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ on N. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
61.00	Begin steep descent, bears N. and S..
67.00	Foot of steep descent, enter bottom, bears N. and S..
76.35	Dry Gulch Creek, 15 lks. wide, flows S..
80.00	The cor of secs. 11, 12, 13 and 14. Land broken Soil stony, 2nd. and 4th. rate. No timber. Dense undergrowth. 80.00 chs.
	N. $0^{\circ}1'$ W. et. secs. 11 and 12, over sandy bottom land through dense sage brush.
23.00	Dry gulch creek, 15 lks. wide, elbow N.E and S.E.
40.00	Set a cobble stone 15X9X6 ins. 11 ins. in the ground, for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{2}$ on W. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
42.00	Dry Gulch Creek, 20 lks. wide, course S. 20° E.
49.50	Elbow of Dry Gulch Creek, course from N.W to S.W., 20 lks wide.
77.00	Dry Gulch Creek 20 lks. wide, course S. 20° W.
80.00	Set a cobble stone 15X9X7 ins. 10 ins. in the ground for cor. of secs. 1, 2, 11, and 12, marked with 1 notch on E. and 5 notches on S. edge, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Land bottom. Soil sandy loam; 2nd rate. No timber. Dense undergrowth and exceptional difficulties crossing creek. 80.00 chs.
	N. $89^{\circ}54'$ E. on random line, bet. secs. 1 and 12.
40.00	Set temp. $\frac{1}{4}$ sec. cor.

SUBDIVISION OF T. 1 S. R 3 W. U. S. B. and M.

CHAINS.

- 80.06 Intersect E. bdy. of Tp. 9 lks. S. of the cor. of secs 1, 6, 7 and 12, previously described.
Thence I run.
S. $89^{\circ}50'$ W. on true line, bet. secs. 1 and 12, over rolling land through dense sage and scattering cedar timber.
- 40.03 Set a cobble stone 15X10X5 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ on N. face, and raise mound of st stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
- 44.50 Enter heavy cedar timber, bears N. and S.
- 67.00 Begin steep descent, bears N. 15° E, S. 15° W.
- 71.50 Foot of steep descent, bears N. and S. over bottom land.
- 79.30 Dry Gulch Creek 15 lks. wide, course S.
- 80.06 the cor. of secs. 1, 2, 11 and 12.
Land rolling.
Soil sandy and stony. 2nd and 3rd rate.
Timber, Cedar.
Dense undergrowth. 80.06 chs.
-
- N. $0^{\circ}1'$ W. bet. secs. 1 and 2, over bottom land through dense sage brush.
- 25.00 Old road, bears N E and S W.
- 30.00 Begin steep ascent through heavy cedar, bears N. E and S.W.
- 32.50 Top of steep ascent, bears N E and S W.
- 40.00 Set cobble stone 15X8X8 ins. 11 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ on W. face; from which,
A Cedar tree 18 ins. in diam. bears S. 33° E. 69 lks.
dist, mkd. $\frac{1}{4}$ S 1 B T.
A Cedar tree 10 ins. in diam. bears S. 71° W. 15 lks.
dist, mkd. $\frac{1}{4}$ S 2 B T.
- 80.75 Leave timber, bears E and W.
- 85.85 Intersect Mintah Special Base line 7.66 chs. E. of the standard cor. of secs. 35 and 36, T.1 N., R.3 W., which

SUBDIVISION OF T. 1 S. R 3 W. U. S. B. and M.

CHAINS is

A Trachyte stone 10X6x5 ins. above ground, firmly set and mkd. and witnessed as described under contract No 266, Harvey D. Heist, Deputy Surveyor.

Set a cobble stone 15X10X8 ins. 10 ins. in the ground for closing cor. of secs. 1 and 2, mkd. C C on S. with one groove on E. and 5 on W. faces, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high S. of cor.

Land broken.

Soil sandy loam, 2nd. and 4th. rate.

Timber, cedar.

Dense undergrowth and heavy timber. 35.85 chs.

April 14th., 1904.

April 15th., 1904.

At 7 a.m. l.m.t. I set off, $40^{\circ}21'$ N. on lat. acr $9^{\circ}47'$ N. on de. arc and determined a true meridian with the solar, at the re-established cor. of secs. 2, 3, 34 and 35 on S. bdy. of Tp., heretofore described.

Thence I run,

N. $0^{\circ}2'$ W. bet. secs 34 and 35.

Ascend along broken W. slope of ridge, through scattering cedar and dense sage brush.

10.00 Top of steep ascent, bears N W and S E. over rolling land.

40.00 Set a cobble stone 15X10X8 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{2}$ on W. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.

79.00 Begin steep descent, bears N. W. and S E.

80.00 Set a cobble stone 15X12X7 ins. 10 ins. in the ground for cor. of secs. 26, 27, 34 and 35, mkd. with 1 notch on S. and 2 on E. edges, from which,

A Cedar tree 5 ins. in diam. bears N. 33° E. 17 lks. dist. mkd. T 1 S R 3 W. S. 26 B T.

SUBDIVISION OF T. 1 S. R 3 W. U. S. B. and M.

CHAINs

A Cedar tree 8 ins. in diam. bears N. 73° W. 34 lks.
dist. mkd. T 1 S R 3 W S 27 B T.

No other bearing trees within limit. Raise mound of
stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.

Land broken,

Soil stony, 3rd. rate.

Timber, Cedar.

Dense undergrowth. 80.00 chs.

S $89^{\circ} 58'$ E. on random line bet. secs. 26 and 35.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect N. and S. line 2 lks. S. of the cor. of secs. 25
26, 35 and 36.

Thence I run,

N. $89^{\circ} 59'$ W. on true line bet. secs. 26 and 35.

Descend over rolling land through dense Artimesa.

21.50 Enter heavy cedar timber, bears N and S. Steep descent.

32.00 Foot of steep descent, road bears N. and S.

Leave Cedar enter bottom.

40.00 Set a cobble stone 14X10X8 ins., 10 ins. in the ground
for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{2}$ on N. face, from which,

A lone Cedar tree 12 ins. in diam. bears S 15° E 321
lks. dist. mkd. $\frac{1}{4}$ S 35 B T, and raise mound of stone
2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.

41.00 Dry Gulch Creek, 30 lks. wide.

Canon 150 ft. deep, scattering cotton wood in bottom.

47.00 Begin steep ascent, leave bottom, enter heavy cedar,
bears N and S.

50.00 Top of steep ascent, bears N. and S. over rolling land.

57.00 Steep descent, bears N. and S.

60.00 Gulch 100 feet deep, course S. Ascend.

63.00 Top of steep ascent bears N E and S W.

71.50 Steep descent, bears N and S.

74.00 Ravine 100 ft. deep, course S.E. Ascend.

SUBDIVISION OF T. 1 S. R 3 W. U. S. E. and W.

CHAINS	
80.00	The cor. of secs. 26, 27, 34 and 35. Land mountainous. Soil stony 3rd. rate. Timber Cedar. Mountainous land and dense undergrowth. 80.00 chs. N. $90^{\circ}2'$ W. bet. secs 26 and 27. Descend. over broken land through dense sage brush.
1.00	Ravine 100 ft deep, course S. E. Abrupt ascent.
16.00	Top of steep ascent, bears N W and S E over broken land.
40.00	Set a cobble stone 18X14X10 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ on W. face; and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
80.00	Set a cobble stone 24X14X6 ins. 18 ins. in the ground for cor. of secs. 22, 23, 26 and 27, rks, with 2 notches on S. and E. edges and raise mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.: Land rolling. Soil sandy 2nd. and 3rd. rate. No timber. Dense undergrowth. 80.00 chs.
40.00	S. $89^{\circ}59'$ E. on random line bet. secs. 23 and 26. Set temp. $\frac{1}{4}$ sec. cor.
79.85	Intersect N. and S. line 2 lks. S. of the cor. of secs. 23, 24, 25 and 26. Thence I run, W. on true line bet. secs. 23 and 26. Descend over broken stony land through dense sage brush.
7.50	Foot of steep descent. Enter bottom, bears N. and S.
13.50	Dry Gulch Creek 20 lks. wide; course S.
22.00	Road bears N. and S.
24.00	Leave bottom, begin steep ascent, bears N. and S.

SUBDIVISION OF T. I S. R. 3W. U. S. B. and M.

CHAINS

- 50.00 Top of steep ascent, bears N 20° E. S. 20° W.
- 39.92 Set a cobble stone 15X7X8 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{4}$ on N. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
- 79.85 The cor. of secs. 22, 23, 26 and 27.
Land broken.
Soil stony loam. 2nd. and 3rd. r^{te}.
No timber.
Dense undergrowth. 79.85 chs.
- April 15th., 1904..
- At this cor. I set $9^{\circ}50'$ N. on decl. arc, and at 12 noon, observed the sun on the meridian. The resulting lat. $40^{\circ}23'$ N.
-
- N. $0^{\circ}2'$ W. bet. secs. 22 and 23, over rolling land through dense sage brush.
- 11.25 Top of rocky knell.
Descend.
- 40.00 Set a cobble stone 15X15X6 ins. 10 ins. in the ground for $\frac{1}{2}$ sec. cor, mkd. $\frac{1}{2}$ on W. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
- 41.30 Enter heavy scrub cedar. Steep ascent, bears E and W.
- 47.00 Top, bears E. and W. over rolling land.
- 80.00 Set a cobble stone 15X10X8 ins. 10 ins. in the ground for cor. of secs. 14, 15, 22 and 23. mkd. 2 notches on E and 3 on S. edges, from which,
A cedar tree 36 ins. in diam, bears N 53° E, 57 lks. dist, mkd. T 1 S R 3 W. S 14 B T.
A cedar tree 8 ins. in diam, bears S. 40° E. 40 lks. dist. mkd. T 1 S R 3 W S 23 B T.
A cedar tree 3 ins. in diam. bears S. $29^{\circ}W$. 41 lks. dist. mkd. T 1 S R 3 W S 22 B T.
A cedar tree 10 ins. in diam. bears N. 55° W. 55 lks. dist. mkd. T 1 S R 3 W S 15 B T.

SUBDIVISION OF T 1 S. R 3 W. U. S. R. and M.

CHAINS	Land broken.
	Soil sandy loam, 2nd. and 4th. rate.
	Timber Cedar.
	Dense undergrowth and heavy timber. 80.00 chs.
	<hr/>
	E. on random line bet. secs. 14 and 23.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.90	Intersect N. and S. line 2 lks. S. of the cor. of secs. 13, 14, 23 and 24.
	Thence I run,
	S. $89^{\circ}59'$ W. on true line bet. secs. 14 and 23, over rolling land through dense sage brush.
0.50	Dry Gulch Creek 20 lks. wide, coarse S.
1.50	Old road bears S. Begin steep ascent, through scrubby cedar.
6.00	Top of steep ascent, bears N and S.
39.95	Set a cobble stone 18X10X4 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor, mka. $\frac{1}{2}$ on N. face, and dig pits 18X18X12 ins. E and W. of stone 3ft. dist, and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft high N. of cor.
56.00	Point of Cedars, bear S.
65.00	Ascend.
69.75	Enter heavy scrub cedar bear S.
79.90	The cor. of secs. 14, 15, 22 and 23.
	Land broken and rolling,
	Soil sandy and stony. 3rd. rate.
	Timber Cedar.
	Dense undergrowth. 79.90 chs.
	<hr/>
	N. $0^{\circ}2'$ W. bet. secs. 14 and 15 through heavy cedar timber, over rolling land.
20.00	Begin steep descent, bears N E. and S.W.
26.00	Foot of steep descent, leave cedar. bear S E. and S W.
36.50	Dry run, coarse S W.
	Ascend.

SUBDIVISION OF T. 1 S. R 3 W. U. S. B. and M.

CHAINS

- 40.00 Set a sand stone 18X18X5 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face, and dig pits 18X18X12 ins. N. and S. of stone 3ft. distant and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
- 49.20 Old road, bears N E and S.W.
- 53.00 Enter heavy cedar timber, bears E. and W.
- 56.00 Begin steep ascent, bears E and W.
- 61.00 Top of steep ascent, bears E and W.
- 80.00 Set a cobble stone 15X10X5 ins. 10 ins. in the ground for cor. of secs. 10, 11, 14 and 15, mkd. 2 notches on E and 4 on S. edges, from which,
A cedar tree 8 ins. in diam, bears N. 16° E 24 lks.
dist, mkd. T 1 S R 3 W S 11 B T.
A cedar tree 8 ins. in diam. bears S 14° E. 66 lks.
dist. mkd. T 1 S R 3 W S 14 B T.
A cedar tree 8 ins. in diam., bears S. 11° W. 65 lks.
dist. mkd. T 1 S R 3 W S 15 B T.
A cedar tree 12 ins. in diam. bears N. 78° W. 27 lks.
dist. mkd, T 1 S R 3 W S 10. B T.
Land rolling.
Soil sandy 2nd. and 4th. rate.
Timber, cedar.
Dense undergrowth and heavy timber. 80.00 chs.
-
- N. $89^{\circ}59'$ E. on random line, bet. secs. 11 and 14
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.10 Intersect N and S. line 2 lks. N. of the cor. of secs. 11, 12, 13 and 14:
Thence I run,
W. on true line bet. secs. 11 and 14.
Ascend through dense sage brush to old road, bears N W. and S E..
- 4.00 Enter heavy cedar timber, road, bears N. and S.

SUBDIVISION OF T. 1 S. R 3 W. U. S. B. and H.

CHAINS.

- 10.06 Top of steep ascent, bears N. and S.
- 40.05 Set a sandstone 16X14X8 ins. 11 ins. in the ground for $\frac{1}{2}$ sec. cor, mkd $\frac{1}{4}$ on N. face, from which,
A cedar tree 6 ins. in diam, bears S. 1° W. 151 lks
dist., mkd, $\frac{1}{4}$ S 14 B.T.
A cedar tree 9 ins. in diam. bears N 75° W. 173 lks.
dist. mkd. $\frac{1}{4}$ S 11 B.T.
- 40.15 Road, bears N E and S W.
- 53.00 Ravine 100 ft. deep, course S E.
Ascend.
- 80.10 The cor of secs. 10, 11, 14 and 15.
Land broken.
Soil stony, 2nd. and 3 rd. rate.
Timber, cedar.
Dense undergrowth and heavy timber. 80.10 chs.
-
- N. $0^{\circ}2'$ W. bet. secs 10 and 11, through heavy cedar timber.
- 4.00 Leave timber, bears E. and W.
Enter dense sage brush.
- 40.00 Set a sandstone 15X10X6 ins. 10 ins. in the ground
for $\frac{1}{2}$ sec. cor, mkd. $\frac{1}{4}$ on W. face, and raise mound of
stone 3 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
- 58.00 Enter heavy cedar timber, bears E and W.
- 78.00 Leave heavy timber, bears S. E.
- 80.00 Set a sandstone 15X12X6 ins.. 10 ins. in the ground,
for cor. of secs. 3, 3, 10 and 11, mkd. 2 notches on
E and 5 on S. edges, from which,
A cedar tree 7 ins. in diam. bears S 11° W. 178 lks.
dist. mkd T 1 S R 3 W S 10 B.T.
No other bearing trees within limit; raise mound of
stone 3 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
Land broken.

SUBDIVISION OF T.1 S., R.3 W., U.S.B.& M.

CHAINS	Soil sandy loam; 2nd. and 3rd. rate. Timber cedar. <i>and heavy timber</i> Dense undergrowth, and heavy timber 80.00 chs.
	April 15, 1904.
	April 16, 1904, at 7h. a.m. l.m.t. I set off 40°25' W. on lat. arc; 10°08' N. on decl. arc, and determine a true meridian with the solar, at the cor. of secs. 2-3-10 and 11, thence I run,
	E. on a random line, bet. secs. 2 and 11
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.74	Intersect N. and S. line 14 lbs. S. of the cor. of secs. 1-2-11 and 12, thence I run, S.89°54' W. on a true line, bet. secs. 2 and 11 Over rolling land, through dense sage brush.
0.80	Road, bears NW. and SW.
12.00	Steep ascent through heavy cedar timber, bears N. and S.
22.00	Spur projects S., descend.
26.00	Leave timber, bears NW. and SW.
32.00	Hollow, course SE., desc.
39.87	Set a cobble stone 18x10x5 ins., 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
79.74	The cor. of secs. 2-3-10 and 11 Land broken. Soil stony; 2nd. and 3rd. rate. Timber cedar. Dense undergrowth, and heavy timber. 79.74 chs.
	N. 0°02' W. bet. secn. 2 and 3 Over rolling land, through dense sage brush, and scattering cedar timber.
40.00	Set a sandstone 15x12x6 ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face, and dig pits 18x18x12 ins. N. and S. of stone 3 ft. dist., and raise a mound of

SURDIVISION OF T.1 S., R.3 W., U.S.B.& M.

CHAINS	
	earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
58.00	Enter heavy cedar timber, bears E. and W.
61.00	Spur projects E., descend.
78.00	Ravine 200 ft. deep, course SW., ascend.
84.00	Spur projects SE.. descend..
86.27	Intersect Uintah Special Base line 8408 chs. E. of the standard cor. of secs. 34 and 35, Tp.1 N., R.3 W., which is a trachyte stone 6x6x5 ins. above ground, firmly set, marked and witnessed as described, under contract No. 266, Harvey D. Heist, Deputy Surveyor.. Set a cobble stone 13x12x5 ins., 9 ins. in the ground, for closing corner of secs. 2 and 3, mkd. C C on S., with 2 grooves on E., and 4 grooves on W. faces; from which A cedar 6 ins. in diam., bears S. 60° E. 54 lbs. dist. mkd. T 1 S.R 3 W S 2 B.T. A cedar 6 ins. diam., bears S. $42\frac{1}{2}^{\circ}$ W. 34 lbs. dist. mkd. T 1 S R 3 W S 3 B T. Land broken: Soil stony; 3rd. rate.. Timber cedar. Dense undergrowth, and heavy timber. 86.27 chs.
	From the re-established cor. of secs. 3-4-33 and 34, on the S. bdy. of Tp., heretofore described. I run, N. $0^{\circ}02'W$. bet. secs. 33 and 34
	Ascend through dense sage brush, and scattering cedar timber.
23.00	Broken sandstone ledges, bear NW. and SE.
40.00	Set a sandstone 14x8x6 ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; dig pits 18x18x12 ins. N. and S. of stone, 3 ft. dist.. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
80.00	Set a sandstone 12x8x6 ins., 8 ins. in the ground, for cor.

SUBDIVISION OF T. 1 S. R 3 W. U. S. B. and M.

CHAINS

of secs. 27, 28, 33 and 34, mkd. 1 notch on S. and 3 on E. edges, and dig pits 18X18X12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high W. of cor.

Land rolling.

Soil stony 3rd. rate.

Timber cedar.

Dense undergrowth. 80.00 chs.

S. $89^{\circ}58'$ E. on random line bet. secs. 27 and 34.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.02 Intersect N. and S. line 5 lks. S. of the cor. of secs. 26, 27, 34 and 35.

Thence I run,

W. on true line bet. secs. 27 and 34.

Ascending through scattering cedar and dense sage brush.

2.00 Top of ascent, bears N W and S E over rolling land.

Leave Cedars.

40.01 Set a sandstone 20X12X4 ins. 15 ins. in the ground for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{4}$ on N. face, and dig pits 18X18X12 ins. E. and W. of stone 3ft. dist., and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.

80.02 The cor of secs. 27, 28, 33 and 34.

Land rolling.

Soil sandy loam, 2nd. and 3rd. rate.

Timber, cedar.

Dense undergrowth. 80.02 chs.

N. $0^{\circ}2'$ W. bet. secs. 27 and 28, over rolling land through dense sage brush.

40.00 Set a sandstone 18X8X7 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ on W. face, and dig pits 18X18X12 ins. N. and S. of stone 3ft. dist., and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft high W. of cor.

62.00 Hollow, course S.E.



SUBDIVISION OF T.1 S., R.3 W., U.S.B.& M.

CHAINS	
	N. on decl. arc, and determine a true meridian with the solar, at cor. of secs. 21, 22, 27, and 28. Thence I run N. $0^{\circ}02'W.$ bet. secs. 21 and 22.
	Over rolling land, through dense sage brush, and scattering cedar timber.
7.00	Spur projects SE., descend.
23.00	Ravine 100 ft. deep, course SE., ascend.
40.00	Set a sandstone 15x10x4 ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor..
70.00	Ravine 50 ft. deep, course SE., ascend through heavy cedar timber.
80.00	Set a sandstone 16x8x5 ins., 11 ins. in the ground, for cor. of secs. 15-16-21 and 22, mkd. with 3 notches on S. and E. edges; from which A cedar 15 ins. diam., bears N. $25^{\circ}E.$ 44 lks. dist. mkd. T 1 S R 3 W S 15 B T. A cedar 5 ins. diam., bears S. $58^{\circ}E.$ 31 lks. dist. mkd. T 1 S R 3 W S 22 B T. A cedar 8 ins. diam., bears S. $2\frac{1}{2}^{\circ}W.$ 63 lks. dist. mkd. T 1 S R 3 W S 21 B T. A cedar 24ins. diam., bears N. $70^{\circ}W.$ 23 lks. dist. mkd. T 1 S R 3 W S 16 B T. Land rolling. Soil loam; 2nd. and 3rd. rate. Timber cedar. Dense undergrowth, and heavy timber. 80.00 chs.
40.00	N. $89^{\circ}57'W.$ on a random line, bet secs. 15 and 22 Set temp. $\frac{1}{2}$ sec. cor.
80.02	Intersect N. and S. line 2 lks. S. of the cor. of secs. 14-15-22 and 23, Thence I run S. $89^{\circ}56'W.$ on a true line, bet. secs. 15 and 22

SUBDIVISION OF T.1 S., R.3 W., U.S.B.& M.

CHAINS	Over rolling land.
15.00	Descend.
24.00	Over nearly level land.
40.01	Deposit mkd. stone 12 ins. in the ground, for $\frac{1}{2}$ sec. cor. and dig pits 18x18x12 ins. E. and w. of cor. 4 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high above deposit. In E. pit drive a cedar stake, 2 ft. long, 2 ins. sq., 12 ins. in the ground, mkd. $\frac{1}{4}$ S 15 on N. face and 22 on S. face.
68.00	Hollow, course S., ascend through heavy cedar timber.
80.02	The cor. of secs. 15-1C-21 and 22 Land rolling. Soil sandy; 2nd. and 3rd. rate. Timber cedar. Dense undergrowth. 80.02 chs.
	N. 0°02'W. bet. secs. 15 and 16 Ascending through heavy cedar timber.
8.00	Spur projects SE., descend.
10.00	Leave timber, bears E. and W.
39.50	Ravine 300 ft. deep, course SE., ascend.
40.00	Set a sandstone 14x10x6 ins., 10 ins. in the ground, for $\frac{1}{2}$ sec. cor., mkd. $\frac{1}{4}$ on W. face, and dig pits 18x18x12 ins. N. and S. of stone 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
60.00	Spur projects W., descend.
80.00	Set a sandstone 15x14x10 ins., 10 ins. in the ground, for cor. of secs. 9-10-15 and 16, mkd. with 3 notches on E., and 4 notches on S. edges, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land mountainous. Soil stony; 3rd. rate.

SUBDIVISION OF T. 1 S. R 3 W. U. S. B. and M.

CHAINS

Timber cedar.

Mountainous land, dense undergrowth and heavy timber.
80.00 chs.

April 17th., 1904, I set off, $10^{\circ}33'$ N. on decl. arc. and at 12 noon observed the sun on the meridian. The resulting lat. is $40^{\circ}25'$ N.

N. $89^{\circ}56'$ E. on random line bet. secs. 10 and 15.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.80 Intersect N. and S. lines 5 lks. N. of the cor. of secs. 10, 11, 14 and 15.

Thence I run.

S. $89^{\circ}58'$ W. on true line bet. secs. 10 and 15 over rolling land through dense sage brush.

8.00 Ravine 50 ft. deep, course S.

Ascend.

26.00 Top of ascent, bears N. and S.

Descend.

34.00 Foot of descent, bears N E and S W.

39.90 Set a sandstone 12X12X5 ins. 8 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{2}$ on N. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.

56.50 Road, bears N W and S E. Enter scattering cedar.

Steep descent, bears N E and S W.

60.00 Ascend.

74.00 Spur, projects N W. Descend.

79.80 The cor. of secs. 9, 10, 15 and 16.

Land broken.

Soil stony, 3rd. rate.

Timber, cedar.

Dense undergrowth. 79.80 chs.

N. $0^{\circ}2'$ W. bet. secs. 9 and 10.

Descending through scattering timber and dense sage brush.

SUBDIVISION OF T. 1 S. R 3 W. U. S. B. and M.

CHAINS

- 7.00 Road bears E. and W.
Ravine 300 ft. deep, course S. W.
40.00 Set a cobble stone 15X10X8 ins. 10 ins. in the ground
for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{2}$ on W. face, and raise mound of
stone 2ft. base, $1\frac{1}{2}$ ft. high W. of cor.
48.00 Spur, projects S. E.
Descend through heavy cedar timber.
74.00 Leave timber, bears E. and W.
80.00 Set a sandstone 15X9X7 ins. 10 ins. in the ground for
cor. of secs. 3, 4, 9 and 10, mkd. with 3 notches on the
E and 5 on the S. edges,, and raise mound of stone 2
ft. base, $1\frac{1}{2}$ ft. high W. of cor.
Land rolling.
Soil stony, 2nd. and 3rd. rate.
Timber, cedar.
Dense undergrowth and heavy timber. 80.00 chs.

N. $89^{\circ}58'$ E. on random line bet. secs. 3 and 10.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.00 Intersect N and S line 12 lks. N. of the cor. of secs.
2, 3, 10 and 11.
Thence I run,
N. $89^{\circ}57'$ W. on true line bet. secs. 3 and 10. over
rolling land through dense sage brush.
3.50 Enter heavy cedar timber, bears N and S.
13.00 Bottom of steep ascent, bears N. and S.
40.00 On ridge, bears N W and S E. Set a sandstone 14X12X5
ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{2}$ on
N. face, from which,
A cedar tree 12 ins. in diam. bears N. $54^{\circ}W$ 22 lks dist
mkd. $\frac{1}{2}$ S3B T.
A cedar tree 9 ins. in diam. bears S. $61\frac{1}{2}^{\circ}W$. 41 lks.
dist. mkd. $\frac{1}{2}$ S 10 B T.
54.00 Ravine 250 ft. deep, course S.. Ascend.

SUBDIVISION OF T. 1 S. R 3 W. U. S. B. and M.

CHAINS

- 60.00 Spur, projects S. E.
Descend.
66.00 Leave cedar timber, bears N and S.
68.00 Ravine, 250 ft. deep, course S. E. Ascend.
80.00 The cor. of secs. 3, 4, 9 and 10.
Land mountainous.
Soil stony, 3rd. rate.
Timber, cedar.
Mountainous land, dense undergrowth and heavy timber.
80.00 chs.

N. $0^{\circ}2'$ W. bet. secs. 3 and 4.
Descend, through dense sage brush.
9.00 Ravine, course E.
12.00 Steep ascent, bears N. W. and S E.
40.00 Set a sandstone 22X12X10 ins. 16 ins. in the ground for
 $\frac{1}{2}$ sec. cor, mkd. $\frac{1}{2}$ on " face and dig pits 18X18X12 ins
N. and S. of stone 3ft.dist. and raise mound of earth
 $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
45.00 Ravine 200 ft. deep, course S. E.
Ascend.
51.00 Enter heavy cedar and Pinon timber, bears N W and S E.
60.00 Spur ridge, projects S. E.
Descend.
85.90 Intersect Uintah Special Base line 8.50 chs. E. of the
standard cor. of secs. 33 and 34 T.1 N., R:3, W., which is
A trachyte stone 12X18X6 ins. above ground firmly set
and mkd. and witnessed as described under contract No
266, Harvey D. Heist, Deputy Surveyor.
Set a limestone 15X8X4 ins. 10 ins. in the ground for
closing cor. of secs. 3 and 4, mkd. C.C on S. with 3
grooves in E. and W. faces. from which,
A cedar tree 6 ins. in diam. bears S 41° E. 71 lks.
dist. mkd. T 1 S R 3 W. S 3 B T.

SUBDIVISION OF T. 1 S. R 3 W. U. S. B. and M.

CHAINS

A cedar tree 12 ins. in diam. bears S 26° W. 110 lks
dist. mkd. T 1 S R 3 W S 4 B T.

Land Mountainous.

Soil stony, 3rd. rate.

Timber, cedar.

Mountainous land, dense undergrowth and heavy timber.
85.90 chs.

April 17th., 1904.

April 18th., 1904.

At 7 a.m. l.m.t. I set off, 40°21' N. on lat. arc
10°50' N. on decl. arc and determined a true meridian
with the solar at the cor of secs. 4, 5, 32 and 33, the
re-established cor on S. bdy. of Tp. previously describ-
ed.

Thence I run,

N. 4°3' W. bet. secs. 32 and 33., descending through
dense sage brush over broken land, and scattering cedar.

40.00 Near foot of steep descent. **Descend gradually.**

Set a sandstone 20X12X6 ins. 15 ins. in the ground for
 $\frac{1}{2}$ sec. cor, mkd. $\frac{1}{2}$ on W. face, and raise mound of stone
2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.

72.00 Hollow, course S. W.

Ascend.

78.00 Top of steep ascent.

81.00 Set a sandstone 20X12X4 ins. 15 ins. in the ground for
cor. of secs. 28, 29, 32 and 33, mkd. 1 notch on S. and
4 on E. edges. from which,

A cedar tree 6 ins. in diam. bears S. 43° W. 66 lks.
dist. mkd. T 1 S R 3 W S 32 B T.

A cedar tree 8 ins. in diam. bears N. 66°W. 30 lks. dist
mkd. T 1 S R 3 W S 33 B T.

No other bearing trees with in limit.

SUBDIVISION OF T. 1 S. R 3 W. U. S. B. and M.

CHAINS

Raise a mound of stone 2 ft. bse, $1\frac{1}{2}$ ft. high N. of cor.
Land broken.

Soil stony, 2nd. and 3rd. rate.

Timber, cedar.

Dense undergrowth. 80.00 chs.

S. $89^{\circ}58'$ E. on random line bet. secs. 28 and 33.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

80.04 Intersect N. and S. line 5 lks. N. of the cor of secs
27, 28, 33 and 34.

Thence I run,

N $89^{\circ}56'$ W. on true line bet. secs. 28 and 33.

Over rolling land, through scattering cedar timber and
dense sage brush.

3.00 Leave Cedar.

40.02 Set a sandstone 20X12X4 ins. 15 ins. in the ground for
 $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ on N. face, and dig pits 18X18X12 ins
E. and W. of stone 3 ft. dist, and raise mound of earth 3
 $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.

69.00 Hollow, course S.W. 250 ft. below $\frac{1}{4}$ sec. cor.

Ascend.

70.00 Top of steep ascent, bears N E and S W.

70.00 Steep ascent, bears N and S.

80.04 The cor of secs 28, 29, 32 and 33.

Land broken.

Soil stony loam, 2nd. and 3rd. rate.

Timber, cedar.

Dense undergrowth. 80.04 chs.

N. $0^{\circ}3'$ W. bet. secs. 28 and 29.

Descend through scattering cedar timber and dense sage
brush.

29.75 Wash at foot of sandstone ledges, course S. W.

40.00 Set a sandstone 18X11X5 ins. 12 ins. in the ground for

SUBDIVISION OF T. 1 S. R 3 W. U. S. B. and M.

CHAINS

- $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{2}$ on W. face, from which,
A cedar tree 6 ins. in diam, bears N. 47° E. 21 lks.
dist, mkd. $\frac{1}{2}$ S 28 B.T.
A cedar tree, 8 ins. in diam. bears S. 41° W. 63 lks.
dist., mkd. $\frac{1}{2}$ S 29 B.T.
- 51.00 Top of abrupt ascent, bears NE. and SW.
- 73.00 Abrupt descent, bears W. leave timber.
- 80.00 Set a sandstone 18X15X4 ins. 12 ins. in the ground for
cor of secs. 21, 22, 28 and 29, mkd. with 2 notches on
S and 4 on E edges, and dig pits 18X18X12 ins. in each
sec. $5\frac{1}{2}$ ft. dist, and raise mound of earth 4 ft. base,
2 ft. high W. of cor.
Land broken.
Soil stony loam, 2nd. and 3rd. rate.
Timber, cedar.
Dense undergrowth. 80.00 chs.
-
- S. $89^\circ 56'$ E. on random line bet. secs. 21 and 28.
- 40.00 Set temp. $\frac{1}{2}$ sec. cor.
- 79.91 Intersect N. and S. line 21 lks. S. of the cor. of secs
21, 22, 27 and 28.
Thence I run S. $89^\circ 55'$ W. on true line bet. secs 21
and 28. over rolling land through dense sage brush and
scattering cedar timber.
- 39.95 Set a sandstone 15X12X4 ins. 10 ins. in the ground for
 $\frac{1}{2}$ sec. cor mkd. $\frac{1}{2}$ on N. face; from which,
A cedar 8 ins. in diam. bears N 48° W. 53 lks dist.
mkd. $\frac{1}{2}$ S 21 B.T.
No other bearing trees within limit. dig pits 18X18X12
ins. E and W of stone $3\frac{1}{2}$ ft. dist. and raise mound of earth
 $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.
- 79.91 The cor. of secs. 20, 21, 28 and 29.
Land rolling.
Soil stony loam 2nd. and 3rd. rate.

SUBDIVISION OF T.1 S., R.3 W., U.S.B.& M.

CHAINS	Timber cedar. Dense undergrowth. 79.91 chs.
	April 18, 1904, I set off 10°54'N. on decl. arc, and at 11h. 59m. a.m. l.m.t. observe the sun on the meridian; the resulting lat. is 40°23'N.
	N. 0°03'W. bet. secs. 20 and 21
	Descending over rolling land, through dense sage brush.
40.00	Set a shale rock 15x12x3 ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face, and dig pits 18x18x12 ins. N. and S. of stone 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
50.00	Sand stone ledges, bear E. and W. Ascend abruptly, through scattering cedar timber.
80.00	On ridge, bears SE. and N. Set a sandstone 14x7x6 ins., 10 ins. in the ground, for cor. of secs. 16-17-20 and 21, mkd. with 3 notches on S. and 4 notches on E. edges; from which A cedar tree 16 ins. diam., bears N. 82°E. 80 lks. dist. mkd. T 1 S R 3 W S 16 B T. A cedar tree 15 ins. diam., bears S. 59 $\frac{1}{2}$ °E. 115 lks. dist. mkd. T 1 S R 3 W S 21 B T. A cedar tree 20 ins. diam., bears S. 89 $\frac{1}{2}$ °W. 176 lks. dist. mkd. T 1 S R 3 W S 20 B T. No other bearing trees within limit. Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land rolling. Soil stony loam; 2nd. and 3rd. rate. Timber cedar. Dense undergrowth. 80.00 chs.
	N. 89°55'E. on a random line, bet. secs. 16 and 21
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.96	Intersect N. and S. line 5 lks. N. of the cor. of secs. 15-16-21 and 22,

SUBDIVISION OF T.1 S., R.3 W., U.S.R.&W.

CHAINS	<p>Thence I run S. $89^{\circ}57'W.$ on a true line, bet. secs. 16 and 21 over rolling land, through dense sage brush.</p>
39.98	<p>Set a sandstone 15x9x6 ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{2}$ on N. face, and dig pits 18x18x12 ins. E. and W. of stone 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.</p>
43.00	<p>Broad hollow, course SE., ascend.</p>
79.96	<p>The cor. of secs. 16-17-20 and 21 Land rolling. Soil sandy loam; 2nd. rate. No timber. Dense undergrowth. 79.96 chs.</p> <hr/> <p>N. $0^{\circ}03'W.$ bet. secs. 16 and 17 Ascending over rolling land, through dense sage, and scattering cedar timber.</p>
40.00	<p>Deposit mkd. stone 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., and dig pits 18x18x12 ins. N. and S. of cor., 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high over deposit. In S. pit drive a cedar stake, 2 ft. long, 2 ins. sq., 12 ins. in the ground, mkd. $\frac{1}{2}$ S 17 on W. face and 16 on E. face.</p>
62.50	<p>Ridge bears NW. and SE., descend.</p>
80.00	<p>Set a cobble stone 20x18x10 ins., 15 ins. in the ground, for cor. of secs. 8-9-16 and 17, mkd. with 4 notches on S. and E. edges; from which A cedar tree 4 ins. diam., bears S. $69^{\circ}E.$ 23 lbs. dist. mkd. T 1 S R 3 W S 16 B T. A cedar tree 6 ins. diam., bears S. $25^{\circ}W.$ 53 lbs. dist. mkd. T 1 S R 3 W S 17 B T. A cedar tree 12 ins. diam., bears N. $11^{\circ}W.$ 32 lbs. dist. mkd. T 1 S R 3 W S 8 B T. No other bearing trees within limit. Raise a mound</p>

SUBDIVISION OF T. 1 S. R. 3 W. U. S. B. and M.

CHAINS	
	of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
	Land rolling.
	Soil loam, 2nd. and 3rd. rate.
	Timber, cedar.
	Dense undergrowth. 80.00 chs.

	N. $89^{\circ}57'$ E. on random line bet. secs. 9 and 16.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.09	Intersect N. and S. line 2 lks. N. of the cor. of secs 9, 10, 15 and 16.
	Thence I run S $89^{\circ}58'$ W. on true line bet. secs 9 and 16.
	Descending over rolling land through dense sage brush.
7.20	Wash, 15 ft. deep, 15 ft. wide, course S.W.
11.25	Wash, 10 ft. deep, 10 ft. wide. course S. 30° E.
	Ascend.
40.04	Set a sandstone 20X10X4 ins. 15 ins. in the ground for ^{2 ft. fine 1 ft. 6 in.} $\frac{1}{4}$ sec. cor, mka. $\frac{1}{2}$ on N. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
55.00	Enter scrubby cedar.
67.00	Ravine 75 ft. deep, course N.
	Ascend.
80.09	The cor. of secs. 8, 9, 16 and 17.
	Land rolling.
	Soil stony loam, 2nd. and 3rd. rate.
	Timber Cedar.
	Dense undergrowth. 80.09 chs.

April 18th., 1904.

April 19th., 1904.

At 7h.a.m. I set off, $40^{\circ}25'$ N. on lat. arc.
 $11^{\circ}11'$ N. on dec. arc and determined a true meridian with
^{at the cor. of secs. 8-9-16 and 17}
 the solar, at the cor. of secs. 8-9-16 and 17
 Thence I run.

N. $0^{\circ}3'$ W. bet. secs 8 and 9.

Descend through heavy cedar timber.

SUBDIVISION OF T. 1 S. R. 3 W. U. S. B. and M.

CHAINS	
21.00	Leave timber, bears N. W. and S E.
30.20	Road, bears N W and S E.
32.00	Dry run, course S E.
40.00	Set a cobble stone 15X6X6 ins. 10 ins. in the ground for $\frac{1}{2}$ sec. cor, mkd. $\frac{1}{4}$ on W. face, and dig pits 18X18X12 ins. N. and S. of stone 3ft. dist and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
48.00	Dry run, course S. E.
75.00	Enter scrubby cedar along foot of ridge, bears N. $10^{\circ}W$ and S. $10^{\circ}E$.
80.00	At point of spur, projects from S E. Set a sandstone 18X12X6 ins. 12 ins. in the ground for cor. of secs. 4, 5, 8 and 9, mkd. 4 notches on E. and 5 on S. edges, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
	Land broken.
	Soil stony loam. 2nd. and 3rd. rate.
	Timber cedar.
	Dense undergrowth and heavy timber. 80.00 chs.
	<hr/>
	N. $89^{\circ}58'$ E. on random line bet. secs. 4 and 9.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N and S. line 7 lks. N. of the cor of secs. 3, 4, 9 and 10.
	Thence I run,
	N. $89^{\circ}59'$ W. on true line bet. secs 4 and 9.
	Ascending over rolling land through dense sage brush and scattering cedar timber.
40.00	Set a sandstone 14X10X5 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{4}$ on N. face, and dig pits 18X18X12 ins. E and W. of stone 3ft. dist. and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.
80.00	The cor. of secs. 4, 5, 8 and 9, on point of spur.
	Land broken.

SUBDIVISION OF T.1 S., R.3 W., U.S.B.& M.

CHAINS	Soil stony; 3rd. rate. Timber cedar. Dense undergrowth, and mountainous land. 80.00 chs. N.0°03'W. bet. secs. 4 and 5 Descend over rolling land, through scattering cedar, and dense sage brush. 12.00 Hollow, course S. 20°W., ascend. 31.00 Begin steep ascent; through scattering cedar timber. 40.00 250 ft. above sec. cor. set a sandstone 15x10x7 ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. 58.00 Spur projects SE., descend. 85.85 Intersect Uintah Special Base line 8.92 chs. E. of the standard cor. of secs. 32 and 33, Tp. 1 N., R.3 W., which is a trachyte stone 12x10x6 ins. above ground, firmly set marked and witnessed, as described under contract No.286 Harvey D. Heist, Deputy Surveyor. Set a cobblestone 20x14x8 ins., 15 ins. in the ground, for closing cor. of secs. 4 and 5, mkd. C.C on S., and 4 grooves on E., and 2 grooves on W., faces; from which A cedar 12 ins. diam., bears S.89°W. 22 lks. dist. mkd. T 1 S R 3 W S 5 B T. A pinon pine tree 18 ins. diam., bears S.50°E. 44 lks. dist., mkd. T 1 S R 3 W S 4 B T. Land mountainous. Soil stony; 3rd. rate. Timber cedar. Mountainous land, heavy timber, and dense undergrowth. 85.85 chs. From the re-established cor. of secs. 5-6-31 and 32, on the S. bdy. of Tp. heretofore described, I run N.0°04'W. bet. secs. 31 and 32
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SUBDIVISION OF T.1 S., R.3 W., U.S.B.& M.

CHAINS	Over rolling land, through dense sage brush.
18.00	Steep descent, bears NW. and SE.
39.00	Ravine 300 ft. deep, course SE., asc. through scattering cedar.
40.00	Set a cobblestone 13x10x8 ins., 9 ins. in the ground, for $\frac{1}{2}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; from which A cedar 12 ins. diam., bears S. 15°E. 35 lks. dist. mkd. $\frac{1}{4}$ S 32 B T. A cedar 6 ins..diam., bears S. 89°W. 87 lks. dist. mkd. $\frac{1}{4}$ S 31 B T.
46.00	Top of steep ascent, bears NW. and SE.
51.00	Steep descent, bears NW. and SE.
80.00	Set a cobble stone 14x8x8 ins.. 10 ins. in the ground, for cor. of secs. 29-30-31 and 32, mkd. with 1 notch on S., and 5 notches on E. edges; from which A lone cedar tree 12 ins.diam., bears S.48°W.44 lks. dist., mkd. T 1 S R 3 W S 31 B T. Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land broken. Soil sandy and loam; 2nd. and 4th. rate. Timber cedar. Dense undergrowth. 80.00 chs.
40.00	S. 89°58'E. on a random line, bet. secs. 29 and 32 Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line 2 lks. N. of the cor. of secs. 28-29-32 and 33, Thence I run, N.89°57'W. on a true line, bet. secs. 29 and 32 Descending through dense sage brush.
15.50	Ravine 200 ft. below cor., course SW., ascend.
40.00	Set a sandstone 18x8x6 ins., 12 ins. in the ground, for $\frac{1}{2}$ sec. cor., mkd. $\frac{1}{4}$ on N. face, and raise a mound of stone

SUBDIVISION OF T 1 S R 3 W. U. S. B. and M.

CHAINS

2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.

45.00 Enter scattering cedar.

48.50 Wash 150 ft. below $\frac{1}{4}$ sec. cor, course S W., in hollow.
Ascend.

50.00 Descend.

64.00 Wash 300 ft. below $\frac{1}{4}$ sec. cor, course S E., in hollow.
Ascend.

80.00 The cor. of secs 29, 30, 31 and 32.
Land broken.
Soil stony, 3rd. rate.
Timber, Cedar.
Dense undergrowth. 80.00 chs.

N. $89^{\circ}58'W.$ on random line bet secs. 30 and 31.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.00 Intercept W. bdy. of Tp' 9 lks. N. of the cor. of secs
25, 30 31 and 36, which is,
A sand stone 8X6X6 ins. above ground, firmly set and
mkd and witnessed as described by the Surveyor General.
Thence I run .

N. $89^{\circ}58' E.$ on true line bet secs. 30 and 31,
over rolling land through dense sage brush.

33.00 Descend. Rim bears N W and S E.

39.00 Leave bottom of ravine 100 f'. deep, course S $10^{\circ}E.$
Set a cobble stone 14X12X8 ins. 10 ins. in the ground
for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ on N. face, nd raise mound of
stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.

Ascend.

44.00 Top of steep ascent, bears N $15^{\circ} W.$ and S $15^{\circ} E.$

47.00 Enter scattering cedar.

49.00 Descend.

79.00 The cor. of secs. 29, 30, 31 and 32.

SUBDIVISION OF T 1 S R 3 W U. S. B. and M.

CHAINS

Land rolling.

Soil sandy loam, 2nd. and 3rd. rate.

Timber, cedar.

Dense undergrowth. 79.00 chs.

April 19th., 1904.

Note: Cloud obscures the sun and can take no observation for lat. this day.

April 20th., 1904.

At 7h.a.m. I set off, $40^{\circ}22'$ N. on lat. arc $11^{\circ}32'$ N. on decl arc and determine a true meridian with the solar at the cor. of secs. 29, 30, 31 and 32. Thence I run,

N. $0^{\circ}4'$ W. bet. secs 29 and 30, over rolling land through dense sage brush and scattering cedar.

- 40.00 Ravine 100 ft. deep, course S W. Point for $\frac{1}{4}$ sec. cor falls on sandstone ledge 10X8X6ft. above ground, mkd. with cross (X) at exact point for $\frac{1}{4}$ sec. cor, with $\frac{1}{4}$ w. of cross; and raise mound of stone 3 ft. base, $1\frac{1}{2}$ ft high W. of cor.
- 61.50 Ravine 350 ft. deep, sandstone ledges in bottom, course S W.
- Ascend.
- 80.00 Set a sandstone 17X14X6 ins. 12 ins. in the ground for cor of secs. 19, 20, 29 and 30 mkd. 2 notches on S and 5 notches on E edges, from which,
- A cedar tree 10 ins. in diam. bears N. 38° E. 2 lks dist mkd. T 1 S R 3 W S 20 B T.
- A cedar tree 9 ins. in diam. bears S 32° E. 52 lks dist mkd. T 1 S R 3 W S 29 B T.
- A cedar tree 8 ins. in diam. bears S $74\frac{1}{2}^{\circ}$ W. 66 lks. dist. mkd. T 1 S R 3 W S 30 B T.
- A cedar tree 4 ins. in diam. bears N $30\frac{1}{2}^{\circ}$ W. 37 lks. dist. mkd. T 1 S R 3 W S 19 B T.
- Land rolling and broken.

SUBDIVISION OF T 1 S R 3 W U. S. B. and H.

CHAINS

Soil stony loam, 2nd. and 3rd. rate.

Timber, cedar.

Dense undergrowth. 80.00 chs.

S 89°57' E. on random line bet. secs. 20 and 29.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.06 Intersect N and S. line 71ks S. of the cor. of secs. 20
21, 28 and 29.

Thence I run,

W. on true line bet. secs. 20 and 29.

Ascending over rolling land through dense sage brush.

22.00 Enter heavy cedar timber, bears N. and S.

40.03 Set a sandstone 15X8X8 ins. 10 ins. in the ground
for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ on N. face, from which,
A cedar tree 12. ins. in diam. bears N 53° E 65 lks.
dist. mkd. $\frac{1}{4}$ S 20 B T.

A cedar tree 8 ins. in diam. bears S E 59 lks. dist.
mkd. $\frac{1}{4}$ S 29 B T.

Sandstone ledges, bear N and S.

Descend.

57.00 Ravine 350 ft. deep, course S W.

Ascend.

80.06 The cor. of secs. 19, 20, 29 and 30.

Land rolling and broken.

Soil stony loam, 2nd. and 3 rd. rate.

Timber, cedar.

Dense undergrowth and heavy timber. 80.06 chs.

S 89°58' W. on random line bet. secs. 19 and 30.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.07 Intersect W. bdy. of Tp. 5 lks: S of the cor of secs.
19, 24, 25 and 30, which is,

A sandstone 12X8X6 ins. above ground, firmly set and mkd
and witnessed as described by the Surveyor General.

SUBDIVISION OF T 1 S R 3 W. U. S. B. and M.

CHAINS

Thence I run E on true line bet. secs. 19 and 30, over rolling land through dense sage brush.

26.00 Enter heavy cedar timber, bears N and S.

35.00 Ravine 100 ft. deep, course S E.

39.07 Set a cobble stone 14X12X10 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{2}$ on N. face, and from which, A cedar tree 4 ins. in diam. bears S 73° W. 31 lks. dist. mkd. $\frac{1}{4}$ S 30 B T.

A cedar tree 4 ins. in diam. bears N 63° W. 29 lks. dist. mkd. $\frac{1}{2}$ S 19 B T.

Spur, projects S; $\frac{1}{4}$ sec. cor. on spur.

Descend.

42.00 Ravine, 100 ft. deep, course S E.

Ascend.

70.00 Spur, projects S E.

Descend.

79.07 The cor. of secs. 19, 20, 29 and 30.

Land rolling and broken.

Soil loam, 2nd. and 3rd. rate.

Timber, cedar.

Dense undergrowth and heavy timber, 79.07 chs.

N. $0^{\circ}4'$ W. bet. secs. 19 and 20.

Ascend through heavy cedar timber, over rolling land.

8.00 Spur, projects E.

Descend.

52.00 Ravine 100 ft. deep, course S E.

Ascend.

35.00 Leave timber, bears E and W. Enter dense sage brush.

40.00 Set a cobble stone 17X12X8 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor mkd. $\frac{1}{2}$ on W. face, and dig pits 18X18X12 ins. N. and S. of stone 3ft. dist, and raise mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft high W. of cor.

80.00 Set a sandstone 15X12X10 ins. 10 ins. in the ground for

SUBDIVISION OF T 1 S R 3 W U. S. B. and M.

CHAINS

cor. of secs. 17, 18, 19 and 20, mka. 3 ditches on S and S on E edges, and raise mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.

Land rolling.

Soil loam, 2nd. and 3rd. rate.

Timber Cedar.

Dense undergrowth and heavy timber. 80.00 chs.

April 20th., 1904.

At this cor I set off $11^{\circ}35'$ N. on decl. arc and at 11h 59m a.m. l.m.t. observed the sun on the meridian. The resulting lat. $40^{\circ}24'$ N.

E. on random line bet. secs. 17 and 20.

40.00 Set temp. of sec. cor.

80.02 Intersect N and S. line 2 lks. N. of the cor. of secs. 16, 17, 20 and 21.

Thence I run,

N. $89^{\circ}59'$ W. on true line bet. secs. 17 and 20.

Descending over rolling land through dense sage brush.

10.00 Ravine 100 ft. deep, course S E.

Ascend.

32.00 Spur, projects S E.

Descend.

40.01 Set a sandstone 14X8X6 ins. 10 in s. in the ground for $\frac{1}{2}$ sec. cor, mka. $\frac{1}{2}$ on N. face, and dig pits 18X18X12 ins E. and W. of stone 3ft. dist, and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high N. of cor.

51.00 Ravine 200 ft. deep, course S.

Ascend.

65.00 Ravine 50 ft. deep, course S E.

80.02 The cor. of secs. 17, 18, 19 and 20.

Land broken and rolling.

Soil stony loam, 2nd. and 3rd. rate.

No timber.

SUBDIVISION OF T. L. S. R. 3 W. U. S. B. And M.

CHAINS

Dense undergrowth. 60.02 chs.

W. on random line bet. secs 18 and 19.

43.00 Set temp. $\frac{1}{2}$ sec. cor.

78.89 Intersect W. bdy. of Tp. 19 1Ks S of the cor. of secs.

13, 18, 19 and 24, which is,

A sandstone 10X8X5 ins. above ground firmly set and mkd
and witnessed as described by the Surveyor General.

Thence I run,

S29° 52' E. on true line bet. secs. 18 and 19,
over rolling land through dense sage brush.

25.00 Descend.

30.00 Bottom of broad ravine, course S. 20°E.

Ascend.

32.89 Set a sandstone 18X14X4 ins. 12 ins. in the ground for
 $\frac{1}{2}$ sec. cor, mkd. $\frac{1}{2}$ on N. face, and dig pits 18X18X12
ins. E and W. of stone 3ft. dist., and raise mound of
earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

45.00 Begin steep ascent, bears N W and S E.

51.00 Begin descent, bears N W and S E.

78.89 The cor. of secs. 17, 18, 19 and 20.

Land rolling.

Soil stony loam, 2nd. and 3rd. rate.

No timber.

Dense undergrowth. 78.89 chs.

W. 0°41' W. bet. secs 17 and 18, over rolling land
through dense sage brush.

13.00 Tide draw, course S E.

Ascend through scrubby cedar.

40.00 Set a cobble stone 14X12X10 ins. 10 ins. in the ground
for $\frac{1}{2}$ sec. cor, mkd. $\frac{1}{2}$ on W. face and raise mound of
stone 3 ft. base, $1\frac{1}{2}$ ft. high W. of cor.

60.00 Enter heavy cedar timber.

SUBDIVISION OF T. L. S R 3 W. U. S. B. and M.

CHAINS

- 80.00 Set a cobble stone 20X14X6 ins. 15 ins. in the ground for cor. of secs. 7, 8, 17 and 18, mkd. 4 notches on S and 5 on E. edges, from which,
 A cedar tree 16 ins. in diam bears S 80° E. 13 lks dist. mkd. T 1 S R 3 W S 17 B T.
 A cedar tree 14 ins. in diam bears N $18\frac{1}{2}^{\circ}$ E 33 lks. dist mkd. T 1 S R 3 W. S 8 B T.
 A cedar tree 6 ins. in diam, bears S 54° W. 16 lks. dist mkd. T 1 S R 3 W S 18 B T.
 A cedar tree 8 ins. in diam. bears N 18° W. 22 lks. dist. mkd. T 1 S R 3 W S 7 B T.
 Land rolling.
 Soil stony loam 2nd. and 3rd. rate.
 Timber, cedar.
 Dence undergrowth and heavy timber. 80.00 chs.

April 20th., 1904.

April 21st., 1904.

At 7 a.m. I set off $11^{\circ}53'$ N. on decl. arc $40^{\circ}24'$ N' n lat. arc and determine a true meridian with the solar at the cor. of secs. 7, 8, 17 and 18.
 Thence I run,

S $89^{\circ}59'$ N. on random line, bet. secs. 8 and 17.

- 40.00 Set temp, $\frac{1}{4}$ sec. cor.
 80.09 Intersect N and S. line at the cor of secs. 8, 9, 16 and 17.

Thence I run,

N. $89^{\circ}59'$ W. on true line bet. secs 8 and 17.

Ascending over rolling land through heavy cedar.

- 23.00 Ridge, bears N W and S E.
 Descend through scattering cedar timber.
 40.04 Set a sandstone 15X10X6 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N surface, and raise a mound of st. stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.

SUBDIVISION OF T 1 S R 3 T U. S. B. and M.

CHAINS

high N. of cor.

80.09 The cor. of secs. 7, 8, 17 and 18.

Land broken.

Soil stony loam, 3rd. and 4th. rate.

Timber, cedar.

Dense undergrowth and heavy timber. 80.09 chs.

N. $89^{\circ}52'$ E. on random line bet. secs 7 and 18.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

78.79 Intersect W. bdy. of Tp. 15 lks. N. of the cor. of secs. 7, 12, 13 and 18. which is,

A sandstone 12X8X6 ins. above ground firmly set and mkd and witnessed as described by the Surveyor General.

Thence I run S $89^{\circ}56'$ E. on true line bet. secs. 7 and 18, over broken land through dense sage brush and scattering cedar timber.

58.79 Set a sandstone 12X8X7 ins. 8 ins. in the ground for $\frac{1}{2}$ sec. cor. mkd. $\frac{1}{2}$ on N. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.

66.00 Enter heavy cedar timber, bears N and S.

78.79 The cor. of secs. 7-8-17 and 18

Land broken.

Soil stony, 3rd. rate.

Timber, cedar.

Dense undergrowth and heavy timber. 78.79 chs.

N. $0^{\circ}4'$ W. bet. secs. 7 and 8 over rolling land and heavy cedar timber.

27.00 Road, bears E and W. Leave cedar timber.

3 .00 Enter heavy cedar timber, bears E and W.

40.00 Set a sandstone 18X10X7 ins. 12 ins. in the ground for

$\frac{1}{2}$ sec. cor. mkd. $\frac{1}{2}$ on W. face, from which,

A cedar tree 12 ins. in diam. bears S $35\frac{1}{2}$ ° E. 20, lks.

dist. mkd. $\frac{1}{2}$ S 8 B T.

SUBDIVISION OF T 1 S R 3 W U. S. B. and H.

CHAINS	
	A cedar 6 ins. in diam. bears N W 25 lks. dist, mkd. $\frac{1}{2}$ S 7 B T.
	Descend.
46.00	Broad Hollow, leave timber, course S E.
48.00	Ascend.
79.00	Enter scattering cedar and pinon timber.
80.00	Set a cobble stone 20X14X10 ins. 15 ins. in the ground for cor. of secs. 5, 6, 7 and 8, mkd. with 5 notches on S and E edges. from which, A Pinon pine tree 12 ins. in diam bears N 55° E 57 lks dist..mkd. T 1 S R 3 W S 5 B T.
	A Pinon pine tree 6 ins. in diam. bears S 20°E. 15 lks dist, mkd. T 1 S R 3 W S 8 B T.
	No other bearing trees within limit. Raise mound of stone 2 ft., base, $1\frac{1}{2}$ ft. high W. of cor.
	Land rolling.
	Soil stony, 2nd. and 3rd. rate.
	Timber, cedar.
	Dense undergrowth and heavy timber. 80.00 chs.
	<hr/>
	S. 89°59' E. on random line bet. secs. 5 and 8.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.07	Intersect N.and S.line 2 lks. N of the cor. of secs. 4, 5, 8 and 9..
	Thence I run.
	N. 89°58' W. on true line bet. secs. 5 and 8.
	Descend over broken stony land.
2.00	Hollow, course S.
	Ascend.
4.00	Enter heavy cedar and pinon timber, bears N and S.
13.00	Hollow, course S E.
29.80	Spur, ridge, projects S E.
	Leave timber, ascend.
40.03	Falls on sandstone boulder 15X15X10 ins. above ground

SUBDIVISION OF T 1 S R 3 W U.S. B. and M.

CHAINS

for $\frac{1}{4}$ sec. cor. mka. $\frac{1}{2}$ on N. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.

41.75 Hollow, course S E.

Ascend.

52.00 Enter heavy cedar timber, bears N and S.

64.00 Spur, projects S.

Descend through scattering timber.

80.07 The cor. of secs. 5, 6, 7 and 8.

Land mountainous.

Soil stony, 4th. rate.

Timber cedar and pinon.

Mountainous land and heavy timber. 80.07 chs.

April 21st., 1904..

At this cor. I set off $11^{\circ}55'$ N. on dec. arc and at 11h 59m l.m.t. observed the sun on the meridian.

The resulting lat. $40^{\circ}25'$ N.

N. $89^{\circ}58'$ W. on random line bet. secs. 6 and 7.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

78.74 Intersect W. bdy. of Tp. 28 lks. N. of the cor. of secs 1, 6, 7 and 12, which is,

A sandstone 13X8X8 ins. above ground, firmly set and mka and witnessed as described by the Surveyor General.

Thence I run, N. $89^{\circ}50'$ E. on true line:bet. secs. 6 and 7.

Descending through heavy cedar timber.

19.00 Leave timber, bears N W and S E

Enter dense sage brush.

38.74 Set a cobble stone 15X10X5 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor. mka. $\frac{1}{2}$ on N. face; and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.

41.00 Hollow, course S 80° E.

48.75 Hollow, course S E.

Ascend.

74.50 Enter heavy scrub cedar timber.

SUBDIVISION OF T 1 S R 3 W U. S. B. and M.

CHAINS

- 78.74 The cor. of secs 5, 6, 7 and 8.
Land broken.
Soil stony, clayey, 3rd. rate.
Timber, cedar and pinon.
Dense undergrowth and heavy timber. 78.74 chs.

N. $0^{\circ}4'$ W. bet. secs 5 and 6.
Ascending through heavy scrub cedar and pinon timber.
30.00 800 ft. above sec. cor. Rim, bears N W and S E.
over rolling land.
40.00 Set a cobble stone 16X12X8 ins. 11 ins. in the ground
for $\frac{1}{2}$ sec. cor. mkd. $\frac{1}{4}$ on W. face, from which,
A cedar tree 14 ins. in diam. bears S 70° E. 31 lks. dist
mkd. $\frac{1}{4}$ S 5 B T.
A cedar tree 12 ins. in diam. bears W 30 lks. dist.
mkd. $\frac{1}{4}$ S 6 B T.
85.80 Intersect Uintah Special Base line 9.34 chs. E. of the
standard cor. of secs. 31 and 32, T.1 S., R.3 W., which is
A trachyte stone 15X10X6 ins. above ground firmly set
and mkd. and witnessed as described under contract No.
266, Harvey D. Heist, Deputy Surveyor.
Set a cobble stone 15X10X5 ins. 8 ins. in the ground for
closing cor. to secs. 5 and 6, mkd. C C on S. with 1
groove on W. and 5 grooves on E. faces, from which,
A Pinon pine tree 12 ins in diam. bears S $87\frac{1}{2}$ E. 32
lks. dist. mkd. T 1 S R 3 W S 5 B T.
A Pinon pine tree 8 ins. in diam. bears S $41\frac{1}{2}$ E. 44
lks dist. mkd. T 1 S R 3 W S 6 B T.
Land mountainous.
Soil stony clay 4th. rate.
Timber, cedar and pinon.
Mountainous land and heavy timber. 85.80 chs.
April 31st., 1904.

SUBDIVISION OF T 1 S R 3 W U. S. B. and M.

CHAINS

GENERAL DESCRIPTION.

This Township is composed of rolling land. In the northern portion it is badly broken. The entire Township is covered with a dense growth of sage brush and scattering scrub cedar and pinon timber. There is a thin growth of grass throughout the Township.

Dry Gulch Creek is not a permanent stream, but during the spring of the year, there is a fair stream of surface water. This is the only water in the Township.

The land throughout the township is sandy, and would bear cultivation by the use of water for irrigation. There are no settlers and no mineral in the township. The roads which cross the township were made by loggers, many years ago, and have since been abandoned.

George C. Bran
Deputy Surveyor.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.**LIST OF NAMES.**

A list of the names of the individuals employed by _____
 _____, United States Deputy Surveyor, to assist in running, measuring, and
 marking the lines and corners described in the foregoing field notes of the survey of _____

 showing the respective capacities in which they acted:

For final affidavits see book "V. T. 2 S., R. 2 W.", *Chainman.*
 _____, *Chainman.*
 _____, *Moundman.*
 _____, *Moundman.*
 _____, *Axman.*
 _____, *Axman.*
 _____, *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____
 _____, United States Deputy Surveyor, in surveying all
 those parts or portions of the _____

of the _____
 _____ meridian, _____ of _____, which are represented
 in the foregoing field notes as having been surveyed by him and under his direction; and that said survey
 has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the
 corner monuments established, according to the instructions furnished by the United States Surveyor
 General for _____

For final affidavits see book "V. T. 2 S., R. 2 W.", *Chainman.*
 _____, *Chainman.*
 _____, *Moundman.*
 _____, *Moundman.*
 _____, *Axman.*
 _____, *Axman.*
 _____, *Flagman.*

Subscribed and sworn to before me this _____ }
 day of _____, 190 _____ }



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from _____, United States Surveyor General for _____, bearing date of the _____ day of _____, 190_____, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for _____, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____.

For final affidavits see book "V. T. 2 S., R. 2 W."

of the _____ meridian, in the _____ of _____, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

United States Deputy Surveyor.

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 190_____ }



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, December 20 1904.

The foregoing field notes of the survey of the Subdivisional lines of Township No. 1 South, Range No. 3 West, of the Uintah Special Base and Meridian, Utah.

executed by George C. Swan and Frederick C. Ferron under their contract No. 278, dated September 10th, 1903, 190_____, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward F. Bradley
United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in T. 1 S., R. 3 W. U. S. D. and M. Utah, has been correctly copied from the original notes on file in this office.

United States Surveyor General.

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line.

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OCT 20 1904

FIELD NOTES

OF THE SURVEY OF THE

South
Boundary of
Township No. 1 South
Range No. 2 West

of the Uintah Special Base and Meridian,
In the State of Utah

AS SURVEYED BY

George L. Swan & Frederick G. Brown, United States Deputy Surveyor,
 their
 Under his Contract No. 778, dated September 10th, 1903.
 Survey commenced April 21st, 1904.
 Survey completed April 22nd, 1904.

6-161

High 3' 78.10'

NAMES AND DUTIES OF ASSISTANTS.

Alfred J. Peterson chairman

Oliver P. Lemans

Louis Justeson moundsman

Lawrence Swan "

Marion Justeson admn

William Tonganeket "

Red E. Heidner flagman.

For preliminary affidavits see book "H" T.1 S.R.3 W.

BOOK A-313

INDEX DIAGRAM.

Township _____, *Range* _____

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
20	20	28	27	26	25
31	32	33	34	35	36

Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

WE, _____ and _____

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

_____, Chainman.

_____, Chainman.

Subscribed and sworn to before me this _____
day of _____, 190 } }



WE, _____ and _____

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

_____, Moundman.

_____, Moundman.

Subscribed and sworn to before me this _____
day of _____, 190 } }



WE, _____ and _____

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

_____, Axman.

_____, Axman.

Subscribed and sworn to before me this _____
day of _____, 190 } }



I, _____, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of _____

_____, Flagman.

Subscribed and sworn to before me this _____
day of _____, 190 } }



SOUTH BDY. OF T 1 S. R 2 W. U. S. B. and M.

The survey commenced April 21st., 1904, and executed with the instrument described in Book "A" of this survey. I examined the adjustments of the transit, and find them correct: Then to test the solar apparatus by comparing its indications resulting from solar observations made during p.m. and a.m. hours, with a meridian determined by Polaris observations, I proceed as follows:

At the cor. of secs 2, 3, 34 and 35, on the S. bdy. of Tp. I set off $40^{\circ}21'$ N. on lat. arc, $12^{\circ}01'$ N. on dec. arc, and at 5 p.m. l.m.t. determined a true meridian with the solar, and mkd. a point thereof on a stone firmly set in the ground 5 chains N. of my station.

At 11h 24m p.m. l.m.t. observed Polaris at lower culmination in accordance with Manual of Instructions.

The meridian thus determined falls on a pole set on the mark determined by p.m. observation.

April 21st., 1904.

April 22nd., 1904.

At 7 a.m. l.m.t. I set off $40^{\circ}21'$ N. on lat. arc, and $12^{\circ}13'$ N. on dec. arc, and determine a true meridian with the solar. The meridian thus determined falls on a pole set on a mark determined by p.m. solar and Polaris observation.

The solar apparatus at p.m. and a.m. hours defines position for meridian same as Polaris observations; Therefore I conclude the adjustments of the instrument are correct.

The magnetic bearing of the true meridian at 7h 15m a.m. l.m.t. is N. 17° W. The angle thus determined gives the magnetic decl. 17° E.

I further witness the cor. of secs. 2, 3, 34 and 35 on S. bdy. of Tp. which is,

A sandstone 12X10X5 ins. above ground, firmly set,

SOUTH BDY. OF T 1 S., R 2 W., U. S. E. and N.

and mkd. and witnessed as described by the Surveyor General.

A cedar tree 10 ins. in diam. bears N 73° E. 28 lks. dist, mkd. T 1 S R 2 W S 35.B T.

A cedar tree 8 ins. in diam. bears N 38° W. 109 lks. dist. mkd. T 1 S R 2 W S 34 B T.

No other suitable bearing trees within limit, raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft high W. of cor.

Thence I run,

W. on random line, along S. bdy. of Tp., setting a temp. $\frac{1}{4}$ sec. and sec. corners at int rvls of 40.00 chs., and at 318.10 chs. intersect N. and S. line 75 lks. N. of the cor. of Tps. 1 and 2 S., Rgs. 2 and 3 W., previously described. This answers to a falling of 18-3/4 lks. S. or a course of N. 89°52' E.

From the cor. of Tps. 1 and 2 S. Rgs. 2 and 3 W. previously described, I run,

N. 89°52' E. on S. bdy of Tp. bet. secs 6 and 31. Descending over broken land through scattering cedar timber and dense artemisia.

7.00 Ravine 300 ft. deep, course S..

Ascend.

35.50 Spur, projects S..

Descend.

38.10 Set a sandstone 14X10X8 ins. 19 ins. in the ground for $\frac{1}{2}$ sec. cor, mkd. $\frac{1}{2}$ on N. face, and raise mound of stone 3 ft. base, $1\frac{1}{2}$ ft. high N. of cor.

64.00 Sand stone cliffs, 50 ft. high, bears N E and S.

78.10 Set a sandstone 20X13X5 ins. 15 ins. in the ground for cor. of secs. 5, 6, 31 and 32, mkd. 1 notch on W. and 5 on E. edges, and raise mound of stone 3 ft. base, $1\frac{1}{2}$ ft. high W. of cor.

Land mountainous.

Soil stony 4th. rate.

SOUTH EDY. OF T. 1 S., R. 2 W. U.S.B. and M.

- Chains. Timber cedar.
Mountainous land 78.10 chs.
-
- N.89°52'E.bet.secs.5 and 32
Descending over mountainous land; through scrubby cedar and dense sagebrush.
- 2.50 Ravine 200 ft. deep, course S. Ascend.
- 10.00 Sandstone ledges 20 ft. high bear N. and S.
- 16.00 Spur projects S. Descend through heavy cedar timber.
- 18.50 Sandstone ledges 15 ft. high bear NE. and SW.
- 40.00 Set a sandstone 18x10x6 ins. 12 ins. in the ground for $\frac{1}{2}$ sec.cor., mkd. $\frac{1}{4}$ on N. face; from which
A cedar 15 ins. in diam. bears S.42°E.
55 lks. dist., mkd. $\frac{1}{4}$ S 5 B T
A cedar tree 14 ins. in diam. bears N.58°W.
44 lks. dist., mkd. $\frac{1}{4}$ S 32 B T
- 75.00 Scattering cedar timber.
- 80.00 Set a sandstone 16x12x10 ins., 11 ins. in the ground for cor. of secs. 4, 5, 32, and 33, mkd. 2 notches on W. and 4 on E. edges; from which
A cedar 8 ins. diam. bears N.39°W. 34 lks. dist.
mkd T 1 S R 2 W S 32 B T
A cedar 8 ins. diam. bears N.46°E. 10 lks. dist.
mkd. T 1 S R 2 W S 33 B T
A cedar 12 ins. diam. bears S.38°E. 21 lks. dist.
mkd. T 2 S R 2 W S 4 B T
A cedar 8 ins. diam. bears S.39°W. 53 lks. dist.
mkd. T 2 S R 2 W S 5 B T
- Land mountainous.
Soil stony; 4 th rate.
Timber cedar.
Mountainous land 80.00 chs.
- April 22: At this cor. I set off 12°16' N. on decl. arc; and at 11 h. 59 m. a.m. J.M.T. observe the sun on the meridian

SOUTH EDY.OF T.1 S., R. 2 W.-U.S.B. and M.

Chains.

the resulting lat. is $40^{\circ}21'N.$

$N.89^{\circ}52'E.$ bet. secs. 4 and 33

Descending over broken mountainous land.

24.00 Ravine 100 ft. deep, course SE. Ascend through heavy timber.

40.00 Set a sandstone 15x12x10 ins., 10 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; from which

A cedar tree 5 ins. in diam. bears $S.44^{\circ}W.$

6 lks. dist., mkd. $\frac{1}{4}$ S 4 B T.

A cedar tree 8 ins. in diam. bears $N.56^{\circ}W.$ 13 lks.

dist., mkd. $\frac{1}{4}$ S 33 B T.

79.80 Drain from spring, course S.

80.00 Set a sandstone 15x8x6 ins. 10 ins. in the ground for cor. of secs. 3, 4, 33, and 34, mkd. 3 notches on E. and W. edges; from which

A cedar tree 8 ins. in diam. bears $N.73^{\circ}E.$

9 lks. dist., mkd. T 1 S R 2 W S 34 B T.

A sandstone boulder 8x4x3 ft. above ground bears

$S.27^{\circ}E.$ 11 lks. dist. mkd. B O with a cross.

A cedar tree 12 ins. in diam. bears $S.67^{\circ}W.$ 50 lks.

dist., mkd. T 2 S R 2 W S 4 B T.

A cedar tree 12 ins. in diam. bears $N.33^{\circ}W.$ 75 lks.

dist., mkd. T 1 S R 2 W S 33 B T.

Land mountainous.

Soil stony; 4th rate.

Timber cedar.

Mountainous land and heavy timber 80.00 chs.

$N.89^{\circ}52'E.$ bet. secs. 3 and 34

Ascending over broken mountainous land; through heavy cedar timber.

30.00 Descend.

35.00 Leave timber bears N. and S.; Enter dense sagebrush.

40.00 Set a sandstone 16x10x8 ins. 11 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face; and raise a mound of stone 2 ft. high $1\frac{1}{2}$ ft. high N. of cor.

Chains. SOUTH BOUNDARY T.1 S., R.2 W., U.S.B.& M.

41.50 Old road bears NE. and SW.
43.00 Enter scrub scattering cedar timber.
80.00 The cor. of secs. 2-3-34 and 35, heretofore described.
Land broken.
Soil stony; and sandy; 3rd. and 4th. rate.
Timber cedar.
Mountainous land; heavy timber, and dense undergrowth.
80.00 chs.

April 22, 1904.

Latitude, Departures, and Closing Errors.

Line Designated	True Bearing	Distance	Latitude		Departure	
			N. Chs.	S. Chs.	E. Chs.	W. Chs.
S. bdy.	S.89°52'W.	318.10		.75		318.10
W. "	North	485.47	485.47			
Uintah Spe- cial Base	East	473.44			473.44	
E. Bdy.	S.0°45'E.	83.99		83.99	1.10	
" "	S.0°45'E.	80.80		80.80	1.05	
" "	S.0°46'E.	80.70		80.70	1.07	
Bet. secs. 13-24	S.89°32'W.	80.27		.65		80.27
" " 23-24	S.0°48'W.	76.84		76.84		1.07
" " 25-26	S.0°22'E.	81.74		81.74	0.53	
" " 26-35	S.88°46'W.	79.41		1.71		79.41
" " 34-35	S.0°01'E.	79.98		79.98	0.02	
Convergency					.61	
Totals			485.47	487.16	477.82	478.85
				<u>485.47</u>		<u>477.82</u>
Errors in latitude and departure.				1.69		1.03

For general description see subdivision of this Tp.

George C. Brown
U.S. Deputy Surveyor.

Note:

There being no notary public, or other officer authorized to administer oaths at the beginning or ending of this survey; therefore, in order to save time and expense I administer the preliminary and final oaths myself.



U.S. Deputy Surveyor.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by George C. Swan,
 United States Deputy Surveyor, to assist in running, measuring, and
 marking the lines and corners described in the foregoing field notes of the survey of Eddy T. S. R. 3 N.
W. S. Eddy T. S. R. 2 N. Uintah Special base and meridian, state of Utah.
 showing the respective capacities in which they acted:

Alfred J. Peterson, Chainman.
Oliver W. Leman, Chainman.
Louis Justeson, Moundman.
Lawrence Swan, Moundman.
Marion Justeson, Axman.
William Longenecker, Axman.
Fred E. Weidner, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted George C. Swan.

United States Deputy Surveyor, in surveying all
 those parts or portions of the Eddy T. S. R. 3 N. and S. Eddy T. S. R. 2 N.

Special base and meridian, State of Utah., which are represented
 in the foregoing field notes as having been surveyed by him and under his direction; and that said survey
 has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the
 corner monuments established, according to the instructions furnished by the United States Surveyor
 General for Utah.

Alfred J. Peterson, Chainman.
Oliver W. Leman, Chainman.
Louis Justeson, Moundman.
Lawrence Swan, Moundman.
Marion Justeson, Axman.
William Longenecker, Axman.
Fred E. Weidner, Flagman.

Subscribed and sworn to before me this 18th
 day of May, 1894 } {



George C. Swan
M. S. Deputy Surveyor

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, George C. Swan, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Edward H. Anderson, United States Surveyor General for Utah, bearing date of the 10th day of September, 1903, A.D., I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the East Boundary of T.1 South, R.3 West, and the South Boundary of T.1 S.R.3 W.

..... of the Uintah Special
Base and in books "H" and "P" meridian in the State of Utah, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Utah, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

George C. Swan
 United States Deputy Surveyor.

Subscribed by said George C. Swan, and sworn to before me
 this 13th day of December, 1903,

Edward H. Anderson
 U.S. Surveyor-General

for Utah.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, December 29, 1904.

The foregoing field notes of the survey of the South Boundary of Township No. 1 South, Range No. 3 West of the Uintah Special Base and Meridian, Utah,

executed by George C. Swan and Frederick C. Ferron
 under his contract No. 278, dated September 10, 1903, A.D., having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward H. Anderson
 United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in.....
 has been correctly copied from the original notes on file in this office.

United States Surveyor General.

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BOOK A-313.

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OCT 20 1904

W.H.

FIELD NOTES

OF THE SURVEY OF THE

RETRACEMENT AND RESURVEY OF THE

East Boundary

of
 Township No. 1 South
 Range No. 2 West

of the Mintak Special Base ^{by} Meridian,
 In the state of Utah

AS SURVEYED BY

George L. Swan & Frederick C. Person, United States Deputy Surveyor,
 Under his Contract No. 778, dated September 10th, 1903
 retracement and
 Survey commenced April 23rd, 1904.
 Survey completed April 23rd, 1904

6-161

High 103.99 ✓
 low 201.50 ✓

NAMES AND DUTIES OF ASSISTANTS.

Alfred J. Peterson. Chairman

Oliver H. Lemos

Louis Justeson Moundman

Lawrence Swan "

Marion Justeson Adams

William Longenecker.

Diedrich E. Neidert. Flagman

For preliminary affidavits see book "L. T. 1 S., R. 7 W."

BOOK A-313

INDEX DIAGRAM.

Township _____, *Range* _____

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Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

WE, and

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

....., Chainman.

....., Chainman.

Subscribed and sworn to before me this }
day of , 190 }



WE, and

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

....., Moundman.

....., Moundman.

Subscribed and sworn to before me this }
day of , 190 }



WE, and

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

....., Axman.

....., Axman.

Subscribed and sworn to before me this }
day of , 190 }



I, , do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

....., Flagman.

Subscribed and sworn to before me this }
day of , 190 }



RETRACEMENT

EAST BOUNDARY OF T. 1 S.R. 2 W., U.S.B. & M.

Chains.

Retracement commenced April 23, 1904, and executed with instrument described in book "A" of this survey.

I know the instrument to be in adjustment from recent tests made at the cor. of secs. 2, 3, 34, and 35 on the S. bdy. of the Tp., April 21st.

Before proceeding to subdivide this township, I consider it necessary to retrace the E. bdy. as follows:

At 3 h. 0 m.p.m.l.m.t. I set off $40^{\circ}24'N.$ on lat. arc; $12^{\circ}32'N.$ on decl. arc; and determine a true meridian with the solar at the cor. of secs. 13, 18, 19, and 24 on E. bdy. of Tp. heretofore described.

Thence I run

North on retracement line along E. bdy. of Tp.

Bet. secs. 13 and 18

40.00 Find no trace of the old $\frac{1}{4}$ sec. cor.

80.70 I find the old cor. of secs. 7, 12, 13, and 18, which is a sandstone $12 \times 7 \times 7$ ins. lying loose on the ground, marked as described by the Surveyor General, W.L.07 chs. dist. The course of this line is therefore $S.0^{\circ}46'E.$

I reset same cor. 8 ins. in the ground for reestablished cor. of secs. 7 and 18 T 1 S.R. 1 W. only; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high E. of cor.

North on retracement line bet. secs. 7 and 12

40.00 No trace of the old $\frac{1}{4}$ sec. cor. can be found.

80.80 I find the old cor. of secs. 1, 6, 7, and 12, which is a sandstone $16 \times 10 \times 8$ ins. above ground, firmly set and marked as described by the Surveyor General, 1.05 chs. W. The course of this line is, therefore, $S.0^{\circ}45'E.$

I obliterate all marks pertaining to secs. 1 and 12.

North on retracement line bet. secs. 1 and 6

40.00 Find no trace of the old $\frac{1}{4}$ sec. cor.

RETRACEMENT

EAST BOUNDARY T.1 S.R.2 W.U.S.B.& M.

Chains

83.99 Intersect Uintah Special Base line 1.06 chs.W. of the old closing corner of T.1 S.Rs.1 and 2 W., which is a sandstone 16x9x8 ins. above ground, firmly set and marked and witnessed as described by the Surveyor General; the course of this line is, therefore, S.0°45'E.

RESURVEY EAST BOUNDARY T.1 S.R.2 W.U.S.B.& M.

.....000.....

Many of the corners being obliterated, and others in poor condition, I resurvey E.bdy. of Tp. as follows:

From the closing cor. of Tp.1 S.Rs.1 and 2 W., heretofore described, I run

S.0°45'E. on resurvey line bet. secs.1 and 6
Over rolling land; through dense artemisia.

24.00 Dry run 15 ft. wide, 10 ft. deep, course SE.

43.61 By proportionate measurement,

After diligent search no trace of the old $\frac{1}{4}$ sec.cor. can be found,

Set a sandstone 15x12x5 ins. 10 ins. in the ground for re-established $\frac{1}{4}$ sec.cor.; dig pits 18x18x12 ins. N. and S. of stone. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high W. of cor.

83.99 The cor. of secs. 6 and 7, heretofore described.

Land rolling.

Soil sandy and stony; 4th rate.

No timber.

Dem e undergrowth 83.99 chs.

S.0°45'E. on resurvey line bet. secs. 7 and 12
Over rolling land through scrub artemisia.

40.40 By proportionate measurement,

-3-

RESURVEY EAST BOUNDARY T.1 S.R.2 W.U.S.P.& M.

- Chains. After diligent search no trace of the old $\frac{1}{4}$ sec.cor. can be found,
Set a sandstone 14x8x6 ins.9 ins.in the ground for re-established $\frac{1}{4}$ sec.cor.;dig pits 18x18x12 ins.N.and S.of stone.,3 ft.dist.;and raise a mound of earth $3\frac{1}{2}$ ft.base $1\frac{1}{2}$ ft.high W.of cor.
- 62.00 Dry run,course SE.
- 80.80 The cor.of secs.7 and 18,heretofore described.
Land rolling.
Soil sandy and stony;3d rate.
No timber.
-
- S.0°46'E.on resurvey line bet.secs.13 and 18
Over rolling land through s scrubby artemisia.
- 40.35 By proportionate measurement,
After diligent search no trace of old $\frac{1}{4}$ sec.cor. can be found,
Set a sandstone 12x8x6 ins.8 ins.in the ground for re-established $\frac{1}{4}$ sec.cor.,marked $\frac{1}{4}$ on W.face;dig pits 18x18x12 ins.N.and S.of stone,3 ft.dist.;and raise a mound of earth $3\frac{1}{2}$ ft.base $1\frac{1}{2}$ ft.high W.of cor.
- 80.70 The cor.of secs.13,18,19, and 24,heretofore described.
Land rolling.
Soil sandy and stony;3d rate.
No timber.

April 23,1904.

For general description see subdivision of this township.

George G. Brown
U.S.Deputy Surveyor.

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.**LIST OF NAMES.**

A list of the names of the individuals employed by _____
 _____, United States Deputy Surveyor, to assist in running, measuring, and
 marking the lines and corners described in the foregoing field notes of the survey of _____
 _____ showing the respective capacities in which they acted:

_____, *Chairman.*_____, *Chairman.*

For final affidavits see book "T" T.2 S.R.2 W. _____, *Moundman.*

_____, *Moundman.*_____, *Axman.*_____, *Axman.*_____, *Flagman.***FINAL OATH OF ASSISTANTS.**

We hereby certify that we assisted _____
 _____, United States Deputy Surveyor, in surveying all
 those parts or portions of the _____

_____ of the _____

meridian, _____ of _____, which are represented
 in the foregoing field notes as having been surveyed by him and under his direction; and that said survey
 has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the
 corner monuments established, according to the instructions furnished by the United States Surveyor
 General for _____

For final affidavit see book "T" T.2 S.R.2 W. _____, *Chairman.*

_____, *Chairman.*_____, *Moundman.*_____, *Moundman.*_____, *Axman.*_____, *Axman.*_____, *Flagman.*

Subscribed and sworn to before me this _____
 day of _____, 190 _____



2000
FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, ..., United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from United States Surveyor General for

day of ..., 190 ..., I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for ..., the Manual of Surveying Instructions, and the Law of the United States, surveyed all those parts or portions of

For final affidavit see book "T" T.C.P.G.W.

... in the manner, in the ..., of ..., I have represented in the foregoing field notes as having been surveyed by me, and under my direction, or I do further solemnly swear that all the corners of said survey have been truly laid and perpetuated in ... in accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for ..., and in the specific manner described in the same, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I do incur the penalty of perjury under the provisions of an Act of Congress approved April 2, 1866.

United States Deputy Surveyor.

Subscribed by said ..., and sworn to before me,
this ... day of ..., 190 ... A

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888888
888888

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL

Salt Lake City, Utah, December 20, 1904.

The foregoing field notes of the ... Retrospect and Survey of the East Boundary of Township No. 1 South, Range No. 9 West of the Fifteenth Special Base and Meridian, Utah,

executed by ... George C. Swan and Frederick C. Ferron
under contract No. 278, dated September 10, 1903, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward R. Peck
United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in ..., has been correctly copied from the original notes on file in this office.

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BOOK A-313

R.

FIELD NOTES
Retracement and
OF THE SURVEY OF THE

Subdivision
of
Township No. 1 South
Range No. 2 West.

of the Uintah Special Base and Meridian,
In the state of Utah

AS SURVEYED BY

George L. Swank & Frederick C. Brown, United States Deputy Surveyors
Under his Contract No. 278, dated September 10th, 1890.

Survey commenced April 23rd, 1890.

Survey completed April 23rd, 1890.

6-101

Res. Sec'ty 2-76-52
Rec'd. 2-01-72

NAMES AND DUTIES OF ASSISTANTS.

Alfred Peterson Chairman

Charles N. Lemas "

Louis Justiss Roundman

Lawrence Swan "

Marion Justiss Asstman

William Longenecker "

Fred E. Heidner Flagman

BOOK A-313

INDEX DIAGRAM.

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PRELIMINARY OATHS OF ASSISTANTS.

WE, Alfred J. Petersonand Oliver W. Lernar

do solemnly swear that we will well and faithfully execute the duties of chairmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of subdivisions of Lots 1st and 2nd, S.R. 2nd, Uintah Special Base and Meridian, State of Utah.

Alfred J. Peterson, Chairman.Oliver W. Lernar, Chairman.

Subscribed and sworn to before me this 31st
day of March, 18904 }

WE, Louis Justesonand Lawrence Swan

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of subdivisions of Lots 1st and 2nd, S.R. 2nd, Uintah Special Base and Meridian, State of Utah.

Louis Justeson, Moundman.Lawrence Swan, Moundman.

Subscribed and sworn to before me this 30th
day of March, 18904 }

WE, Marion Justesonand William Longenecker

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of subdivisions of Lots 1st and 2nd, S.R. 2nd, Uintah Special Base and Meridian, State of Utah.

Marion Justeson, Axman.William Longenecker, Axman.

Subscribed and sworn to before me this 31st
day of March, 18904 }

I, Fred C. Weidner

do solemnly swear that I will well and truly

perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the resurvey of subdivisions of Lots 1st and 2nd, Uintah Special Base and Meridian, State of Utah.

Fred C. Weidner, Flagman.

Subscribed and sworn to before me this 31st
day of March, 18904 }

George C. BrownW. S. Deputy Surveyor

RETRACEMENT OF SUBDIVISION OF Tp. 1 S R 2 W U. S. B. and M

Retracement

Survey commenced April 23rd 1904, and executed with the instrument described in Book "A" of this survey. I know the instrument to be in adjustment from recent tests made at the cor. of secs. 2, 3, 34, and 35 on the S. bdy. of Tp. April 21st., and recorded in Book P. At 7h. a.m. I set off,

$40^{\circ} 21' N.$ on lat. arc, $12^{\circ} 33' N.$ on dec. arc and determine a true meridian with the solar at the cor. of secs. 2, 3, 34 and 35 on S. bdy. of Tp. previously described.

Preliminary to beginning the subdivisions of this Tp. I retrace subdivision lines as follows:

N. bet. secs. 34 and 35.

40.02 I find the old $\frac{1}{4}$ sec. cor, which is a sandstone 12x8x8 ins. above ground, firmly set and mkd. and witnessed as described by the Surveyor General, W. 2 lks. dist.

79.98 I find the old cor. of secs. 26, 37, 34 and 35, which is a sandstone 9x8x5 ins. above ground firmly set and mkd. as described by the Surveyor General.

W. 2 lks. The course of this line is therefore, N. $0^{\circ} 1' W.$

S. $89^{\circ} 45'$ E. on blank line bet. secs. 26 and 35.

39.92 No trace of the old $\frac{1}{4}$ sec. cor can be found.

79.40 I find the old cor. of secs. 25, 26, 35 and 36, which is a sandstone 20x8x4 ins. mkd. as described by the Surveyor General lying loosely on the ground.

N. 2.05 chs. dist. I reset stone 15 ins. in the ground and dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist and raise mound of earth 4 ft. base 2 ft. high W. of cor.

The course of this line is therefore,

S. $88^{\circ} 46'$ W. and the distance 79.41 chs.

N. on retracement line bet. secs. 25 and 26.

RETRACEMENT OF SUBDIVISION OF T 1 S., R 2 W., U. S. B. M

CHAINS

- 40.87 The old $\frac{1}{4}$ sec. cor, which is a sandstone 16X8X6 ins. mkd. as described by the Surveyor General, lying loose-
ly on the ground W. 30 lks. dist.
I reset the same stone 11 ins. in the ground, and dig
pits 18X18X12 ins. N. and S. of stone 3ft. dist, and
raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
- 31.74 The old cor. of secs. 23, 24, 25 and 26, which is a
sandstone 10X9X5 ins. above ground, firmly set and mkd
as described by the Surveyor General W. 52 lks dist.
raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high E. of cor.
The course of this line is therefore S. $0^{\circ}22'$ E.
-
- N. bet. secs. 23 and 24.
- 40.00 No trace of the old $\frac{1}{4}$ sec. cor. can be found.
- 76.83 I find the old cor. of secs. 13, 14, 23 and 24, which
is a sandstone 12X8X4 ins. above ground, firmly set and
mkd as described by the Surveyor General, E. 112 lks
dist. the course of this line is therefore, S. $0^{\circ}48'$ W.
and the distance, 76.84 chs.
-
- S. $89^{\circ}48'$ E. bet. secs. 13 and 24.
- 40.00 No trace of the old $\frac{1}{4}$ sec. cor. can be found.
- 80.26 I find the old cr. of secs. 13, 18, 19 and 24 which is
a sandstone 11X9X6 ins. above ground firmly set and
mkd. as described by the Surveyor General, N. 93 lks.
dist. The course of this line is therefore S. $89^{\circ}32'$ W
and the distance 80.27 chs.

RE-SURVEY

Many of the cors. are missing, therefore I re-survey as
follows: S. $89^{\circ}32'$ W. on re-survey line bet. secs 13 and 24
previously described, over rolling land through dense artemisia

40.13 By proportionate measurement

After diligent search no trace of the old $\frac{1}{4}$ sec. cor

RE-SURVEY OF

SUBDIVISION OF T 1 S R 2 M., U. S. S. and W.

CHAINS

can be found.. Set a sandstone 12X9X6 ins. x ins. in the ground for re-established $\frac{1}{2}$ sec. cor, rmd. $\frac{1}{2}$ on W. face, and dig pits 18X18X12 ins. E and W. of stone. 2 ft dist, and raise mound of earth $\frac{3}{4}$ ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.

62.00 Dry Wash 10 ft. wide 4 ft deep, course S E.

75.00 Wash 3 by 3 ft. course S E.

80.27 The cor. of secs. 13, 14, 23 and 24, previously described. Dig pits 18X18X12 ins. in each sec. $\frac{5}{2}$ ft. dist, and raise mound of earth 4 ft. base, 2 ft. high W. of cor.

Land rolling.

Soil stony and sandy, 3rd. and 4th. rate.

No timber.

Dense undergrowth 80.27 chs.

S.0°48'W. on re-survey line, bet. secs. 23 and 24
Over rolling land, through dense artemisia.

5.50 Sandstone ledges 15 ft. high, bears NE. and SW.

34.75 Descend over broken land, through scattering cedar.

38.42 By proportionate measurement

44.41 After diligent search no trace of the old $\frac{1}{2}$ sec. cor. can be found. Set a sandstone 12X9X7 ins. x ins. in the ground for re-established $\frac{1}{2}$ sec. cor, rmd. $\frac{1}{2}$ on W. face, and dig pits 18X18X12 ins. N. and S. of stone 3 ft. dist, and raise mound of earth $\frac{3}{4}$ ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.

71.00 Leave Cedar timber, bears E and W.

76.84 The cor. of secs. 23, 24, 25 and 26, previously described.

Land rolling and broken,

Soil sandy and stony, 3rd. and 4th. rate.

Timber, cedar.

Dense undergrowth. 76.84. chs.

RE-SURVEY OF
SUBDIVISION OF T 1 S 2 W., U. S. B. and M.

- CHAINS. S.0 $^{\circ}$ 22'E. on re-survey line, bet. secs. 25 and 26
Over rolling land, through dense sage brush:
- 14.00 Wash 20 ft. wide, 10 ft. deep, coarse.E.
The old $\frac{1}{4}$ sec. cor, previously described.
- 40.87 The cor. of secs. 25, 26, 35 and 36, previously describ-
ed.
- Land rolling.
- Soil sandy, 3rd. rate.
- No timber.
- Dense undergrowth 81.74 chs.
-
- S.88 $^{\circ}$ 46'W. on re-survey line, bet. secs. 26 and 35
Over rolling land, through dense artemisia:
- 39.70 By proportionate measurement
After diligent search no trace of the old $\frac{1}{4}$ sec. cor
can be found. Set a sandstone 15X10X4 ins. 10 ins.
in the ground for re-established $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{2}$ on
N. face, and dig pits 18X18X12 ins. E. and W. of stone
3 ft. dist, and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$
ft. high N. of cor.
- 79.41 The cor. of secs. 26, 27, 34 and 35, previously describ-
ed, dig pits 18X18X12 ins. in each sec. and raise mound
of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
- Land rolling.
- Soil sandy, 3rd. rate.
- No timber.
- Dense undergrowth. 79.41 chs.
-
- S. 0 $^{\circ}$ 1' E. on re-survey line bet. secs 34 and 35; over
rolling land through dense Artimesia:
- 39.96 The old $\frac{1}{4}$ sec. cor, previously described.
- 79.93 The cor. of secs. 3, 3, 34 and 35, on S. bdy of Tp.
previously described.
- Land rolling.

RE-SURVEY OF

SUBDIVISION OF T 1 S R 2 W., U. S. B. and M.

CHAINS.

Soil sandy, 3rd. rate.

No timber.

Dense undergrowth. 79.98 chs.

Cloud obscures the sun, can take no observation for lat.
this day.

April 23rd., 1904.

For general description, see subdivisions of this
Township.

George G. Brown

Deputy Surveyor.

Volume

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R0313

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PAGE

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.**LIST OF NAMES.**

A list of the names of the individuals employed by _____, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____ showing the respective capacities in which they acted:

_____, *Chairman.*
 For final affidavits see book "U. T. 2 S. R. 2 W." _____, *Chairman.*
 _____, *Moundman.*
 _____, *Moundman.*
 _____, *Axman.*
 _____, *Axman.*
 _____, *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____, United States Deputy Surveyor, in surveying all those parts or portions of the _____ of the _____

meridian, _____ of _____, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for _____.

For final affidavits see book "U. T. 2 S. R. 2 W." _____, *Chairman.*
 _____, *Chairman.*
 _____, *Moundman.*
 _____, *Moundman.*
 _____, *Axman.*
 _____, *Axman.*
 _____, *Flagman.*

Subscribed and sworn to before me this _____
 day of _____, 190 _____ }



BOOK A 313

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from United States Surveyor General for bearing date of the day of 190 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of

For final affidavit see book & U. S. R. 2-W.

..... of the meridian, in the of which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

United States Deputy Surveyor.

Subscribed by said and sworn to before me }
this day of 190 }

cccccc
O SEAL O
cccccc

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, Dec. 20, 1904.
retracement

The foregoing field notes of the survey of and resurvey of the Subdivisional lines of Township No. 1 South, Range No. 2 West of the Uintah-Special Base and Meridian, Utah

executed by George G. Swan and Frederick C. Ferron
under his contract No. 278 dated September 10 1903; having been
critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward R. Peckover
United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in has been correctly copied from the original notes on file in this office.

United States Surveyor General.

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BOOK A-313

S.

FIELD NOTES

OF THE SURVEY OF THE

*Subdivision**of**Township No. 1 South*
*Range No. 2 West**of the Mintab Special Base and Meridian,*
In the State of Utah

AS SURVEYED BY

*George C. Swan & Frederick G. Darrow, United States Deputy Surveyors,
their
Under its Contract No. 278., dated September 10th, 1903**Survey commenced April 23rd, 1904**Survey completed May 2nd, 1904*

6-161

*High 52 13.74 ✓**Low 29.28 ✓*

NAMES AND DUTIES OF ASSISTANTS.

Alfred J. Pitman chairman

Oliver W. Lewis

"

Louis Justeson troubadour

Lawrence Swan

"

Marion Justeson admn

William Longenecker

"

Died E. Yedney flagman

For preliminary affidavits see book "K" T.L.S.R.7.W.

BOOK A-313

INDEX DIAGRAM.

Township _____, *Range* _____

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Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

WE, _____ and _____

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

_____, Chainman.

_____, Chainman.

Subscribed and sworn to before me this _____
day of _____, 190 _____



WE, _____ and _____

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

_____, Moundman.

_____, Moundman.

Subscribed and sworn to before me this _____
day of _____, 190 _____



WE, _____ and _____

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

_____, Axman.

_____, Axman.

Subscribed and sworn to before me this _____
day of _____, 190 _____



I, _____, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of _____

_____, Flagman.

Subscribed and sworn to before me this _____
day of _____, 190 _____



SUBDIVISION OF T 1 S R 2 W. U. S. B. and M.

CHAINS

Survey commenced April 23rd., 1904, and executed with the instrument described in Book "A" of this survey. I examined the adjustments of the transit and find them correct; then to test the solar apparatus by comparing its indications resulting from solar observations made during p.m. and a.m. hours with a meridian determined by Polaris observations, I proceed as follows:

At the cor. of secs. 13, 14, 23 and 24 T 1 S R 2 W previously described, At 5h p.m. l.m.t. I set off $40^{\circ}24'$ N. on lat. arc: $12^{\circ}41'$ N. on decl. arc, and determined a true meridian with the solar, and mark a point thereon on a stone firmly set in the ground 5 chs. N. of my station.

At 11h 16m. p.m. l.m.t. I observe Polaris at lower culmination in accordance with Manual of Instructions. The meridian thus determined falls on a pole set on the mark determined by p.m. solar observation.

April 23rd., 1904.

April 24th., 1904.

At 7h a.m. l.m.t. I set off, $40^{\circ}24'$ N. on lat. arc: $12^{\circ}53'$ N. on decl. arc, and determine a true meridian with the solar. The meridian thus determined falls on a pole set on a mark determined by p.m. solar and Polaris observation.

The solar apparatus by p.m. and a.m. hours defines position for meridian same as Polaris observations; therefore I conclude the adjustments of the instrument are correct.

The magnetic bearing of the true meridian at 7h 15m a.m. l.m.t. is N. $16^{\circ}50'$ W. The angle thus determined gives the magnetic decl. $16^{\circ}50'$ E.

Knowing from retracement that the cor. of secs. 13, 14, 23 and 24, previously described, will fall within

SUBDIVISION OF T 1 S R 2 W. U. S. B. and M.

CHAINS

limits of subdivision lines extended in regular manner from the S. bdy.

I begin at the above cor., and run N. $0^{\circ}1'$ W. bet secs 13 and 14 over rolling land through dense sage brush.

- 6.00 Dry Wash 10 ft. wide, 5 ft. deep, course S E.
- 12.60 Cottonwood Creek, dry, course S E.
- 35.50 Enter heavy cedar timber, bears N W and S E.
Leave bottom.
- 40.00 Set a sandstone 14X12X6 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ on W. face, from which,
A cedar tree 8 ins. in diam. bears N. 89° E 23 lks. dist
mkd. $\frac{1}{4}$ S 13 B T.
A cedar tree 14 ins. in diam. bears N 63° W. 23 lks.
dist. mkd. $\frac{1}{4}$ S 14 B T.
- 53.00 Leave cedar timber, bears N W and S E.
- 80.00 Set a sandstone 18X14X8 ins. 12 ins. in the ground for cor of secs. 11, 12, 13 and 14, mkd. 1 notch on E and 4 notches on S edges. Dig pits 18X18X12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and raise mound of earth 4 ft. base,
2 ft. high W. of cor.
Land rolling.
Soil stony, 4th. rate.
Timber Cedar.
Dense undergrowth. 80.00 chs.

Knowing from retracement that lines bet. secs. 12 and 13 will not close within limit on the corner of sections 7 and 18 on the East bdy of Tp. and previously described,

I run,

E on true line bet. secs. 12 and 13, through dense undergrowth over rolling land.

- 6.40 Enter heavy cedar timber, bears N W and S E.

SUBDIVISION OF T 1 S R 2 W U. S. B. And M.

CHAINS

- 38.50 Hollow, coarse S.
- 40.00 Set a sandstone 16X8X6 ins. 11 ins. in the ground for $\frac{1}{2}$ sec. cor, mkd. $\frac{1}{2}$ on N. face, from which,
A cedar tree 14 ins. in diam bears N 22° W. 24 lks. dist
mkd. $\frac{1}{4}$ S 13 B T.
A cedar tree 10 ins. in diam. bears S 67° E. 20 lks
dist. mkd. $\frac{1}{4}$ S 13 B T.
- 52.00 Leave cedar timber, bears N and S.
- 79.15 Intersect N bdy of Tp. 143 chs. S. $0^{\circ}46' E.$ of cor. of secs.
7 and 18, Tp. 1 S. $0^{\circ}1' W.$, previously described,
Set a sandstone 12X10X6 ins. 8 ins. in the gr und for
closing cor. to secs. 13 and 18, mkd C C on W., with 4
grooves on S and S grooves on N. faces, and raise mound
of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.
Land rolling.
Soil stony clay, 4th. rate.
Timber, cedar.
Dense and regrowth and heavy timber. 79.15 chs.
-
- From the cor. of secs. 11, 12, 13 and 14 I run,
N. $0^{\circ}1' W.$ bet. secs. 11 and 12, ascending over
rolling land through dense sage brush.
- 4.00 Begin steep ascent, through heavy cedar timber, bears
N. W. and E.
- 28.00 Top of ascent, bears N. W. and S. E.
- 4 .00 Set a sandstone 17X14X6 ins. 12 ins. in the ground for
 $\frac{1}{2}$ sec. cor. mkd. $\frac{1}{2}$ on W. face and dig pits 18X18X12 ins
N. and S. of stone, 3 ft. dist, and raise mound of
earth $2\frac{1}{2}$ ft base, 1 $\frac{1}{2}$ ft. high W. of cor.
- 80.00 Set a cobble stone 20X10X8 ins. 15 ins. in the ground
for cor. of secs. 1, 2, 11 and 12, mkd, 1 notch on E.
and 5 on S. edges, and raise mound of stone 2 ft. base
1 $\frac{1}{2}$ ft high W. of cor.
Land rolling and broken.
Soil stony 3rd. rate.

SUBDIVISION OF T 1 S R 2 W. U. S. B. and I.

CLAIMS

Timber, cedar.

Dense undergrowth and heavy timber. 80.00 chs.

Knowing from retracement that line bet. secs 1 and 12 will not close within limit, upon the cor. of secs. 6 and 7, Tp. 1 S. R. 1 W. and previously described, I run,

E. on true line bet. secs 1 and 12.

over rolling land through dense sage brush.

4.00 Draw 50 ft. below cor. course S. Ascend.

20.00 Top of ascent.

24.00 Steep descent.

26.00 Foot of steep descent.

40.00 Set a sandstone 15X8X5 ins. 10 in. in the ground for $\frac{1}{2}$ sec. cor, mkd. $\frac{1}{2}$ on N. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.

73.00 Descend.

78.00 Intersect E. bdy of Tp. S $0^{\circ}45'$ E. 2.23 chs from the cor. of secs. 6 and 7, Tp. 1 S R 1 W. previously described. Set a cobble stone 16X13X8 ins. 11 ins. in the ground for closing cor. to secs. 1 and 2; mkd. C.C on W. and one groove on N. and 5 on S. faces, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.

Land rolling.

Soil stony, 3rd. rate.

No timber.

Dense undergrowth. 78.00 chs.

From the cor of secs 1, 2, 11 and 12 I run N $0^{\circ}1'W$. bet. secs 1 and 2, over rolling land through dense sage.

40.00 Set a sandstone 14X8X8 ins. 10 ins. in the ground for $\frac{1}{2}$ sec. cor, mkd. $\frac{1}{2}$ on W. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.

55.50 Enter heavy cedar timber and steep descent, bears N E, SW.

SUBDIVISION OF T. 1 S R 2 W U. S. B. and M.

CHAINS

- 64.50 Ravine 200 ft. deep, course S W.
Ascend.
- 85.85 Intersect Uintah Special Base 4.45 chs E. of standard cor. of secs. 35 and 36, which is,
A trachyte stone 15X8X4 ins. above ground, firmly set and mkd. and witnessed as described under contract No. 266 Harvey D. Heist, Deputy Surveyor.
Set a sandstone 12X12X10 ins. 8 ins. in the ground for closing cor. of secs. 1 and 2 mkd. C C on S, with 1 groove on E and 5 on W. faces, from which,
A cedar tree 4 ins. in diam. bears S 58° E 63 lks dist. mkd. T 1 S R 2 W S 1 B T.
A cedar tree 6 ins. in diam. bears S 51° W. 75 lks. dist mkd. T 1 S R 2 W S 2 B T.
Land rolling..
Soil, stony 4th. mate.
Timber, cedar...
Dense undergrowth and heavy timber. 85.85 chs.

April 24th., 1904.

I set off 12°56' N. on dec. arc and at 11h 58m a.m. l.m.t. observed the sun on the meridian. The resulting lat. is 40°22' N. At the cor. of secs. 26, 27, 34 and 35 previously described.

Thence I run,

N. 0°2' W. bet. secs. 26 and 27, over rolling sandy land through dense sage and grease wood brush.

- 40.00 Set a sandstone 16X8X4 ins. 11 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ on W. face, and raise mound of stone 2 ft base, $1\frac{1}{2}$ ft. high W. of cor.
- 80.00 Set a sandstone 16X10X4 ins. 10 ins. in the ground for cor. of secs. 23, 25, 26 and 27, mkd. 2 notches on S and E. edges, and dig pits 18X18X12 ins. in each sec. $5\frac{1}{2}$ ft. dist, and raise mound of earth 4 ft. base 2 ft

SUBDIVISION OF T. 1 S R 3 W U. S. B. and M.

CHAINS

high W. of cor.
Land rolling.
Soil sandy, 2nd. and 3rd. rate.
No timber.
Dense undergrowth. 30.00 chs.

I know from retracement that line bet. secs. 23 and 26 will not close within limit upon cor. of secs. 23, 24, 25 and 26, previously described, therefore I run,

E. on true line bet. secs. 23 and 26, over rolling land through dense sage and grease wood brush.

40.00 Set a sandstone 15X12X4 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ on N. face, and dig pits 18X18X12 ins E. and "W. of stone" 3 ft. dist., and raise mound of ea rth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor..

55.00 Dry wash 4 ft. wide 3 ft. deep, course S E.; in hollow.

78.83 Intersect N. and S. line S. 0°22' E. 3.47 chs. off the cor. of secs. 23, 24, 25, and 26. Destroy marks pertaining to secs. 23 and 26, and set a sandstone 15x9x5 ins., 10 ins. in the ground for closing cor. for secs. 23, and 26, marked "CC" on W. 1 groove on E. and 2 grooves on S. faces, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.

Land rolling.

Soil sandy, 3rd. rate.

No timber.

Dense undergrowth. 78.88 chs.

From the cor. of secs. 22, 23, 26 and 27 I run,

N 0°3' W. bet. secs. 22 and 23, over rolling land through dense artemisia.

40.00 Set a sandstone 15X12X5 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ on W. face, and dig pits 18X18X12 ins. N. and S. of stone, 3 ft. dist., and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.

SUBDIVISION OF T 1 S R 2 W. U. S. B. and N.

CHAINS

- 62.00 Enter scattering cedar timber.
- 73.15 Sandstone ledges, 20 ft. high, bears E. and W.
- 80.00 On top of ridge, bears S 80° E. and S. 80° W.
Set a sandstone 30X24X3 ins 22 ins. in the ground for cor. of secs. 14, 15, 22 and 23, mkd. 2 notches on E and 3 on S. edges, from which,
A cedar tree 12 ins. in diam. bears S $90^{\circ}30'$ E. 75 lks dist. mkd. T 1 S R 2 W S 23 B T.
A cedar tree 6 ins. in diam. bears S 69° W. 37 lks. dist mkd. T 1 S R 2 W. S 22 B T.
A cedar tree 7 ins. in diam. bears N. $88\frac{1}{2}^{\circ}$ W. 33 lks. dist. mkd. T 1 S R 2 W S 15 B T.
No other bearing trees within limit, raise mound of stone 2 ft. vase, $1\frac{1}{2}$ ft. high W. of cor.
Land rolling and broken.
Soil sandy, 5rd. rate.
Timber, cedar.
Dense undergrowth. 80.00 chs.

April 24th. 1904.

April 25th., 1904.

At 7 $\frac{1}{2}$ a.m. I set off, $40^{\circ}24'$ N. on lat. arc $13^{\circ}12'$ N. on dec. arc. and determined a true meridian with the solar at the cor. of secs. 14, 15, 22 and 23. Thence I run,

E. on random line, bet. secs 14 and 23.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

80.13 Intersect N. and S. line 28 lks. N. of the cor. of secs. 13, 14, 23 and 24.

Thence I run,

N. $89^{\circ}48'W$ on true line bet. secs. 14 and 23, over rolling land through dense artemisia.

40.06 Set a sandstone 15X10X4 ins. 10 ins. in the ground for $\frac{1}{2}$ sec. cor. mkd. $\frac{1}{2}$ on N. face, and dig pits 18X18X12

SUBDIVISION OF T 1 S R 2 W. U. S. B. and M.

CHAINS

E. and W. of stone 3 ft. dist., and raise mound of earth
 $\frac{3}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.

64.00 Knoll, ascend through scattering cedar.

80.12 The cor. of secs. 14, 15, 22 and 23.
Land rolling.
Soil sandy, 2nd. and 3rd. rate.
Timber, Cedar.
Dense undergrowth. 80.12 chs.

N. $0^{\circ}2'$ W. bet. secs. 14 and 15, descending over rolling land, through dense artemisia.

27.00 Wash in ravine 200 ft. below cor. course E.
Ascend.

32.00 Low spur, projects E..
Descend.

34.50 Ravine 50 ft. deep, course S E.
Ascend.

40.00 Set a sandstone 14X12X10 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{2}$ on W. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.

51.00 Pillar of sandstone 5 ft. E. of line 10 ft. in diam. and 10 ft. high.

57.50 Wash 10 ft. deep and 30 ft. wide, 200 ft. below $\frac{1}{4}$ sec. cor. course S E.
Ascend.

80.00 Set a sandstone 14X8X4 ins. 10 ins. in the ground for cor. of secs. 10, 11, 14 and 15, mid. 2 notches on E. and 4 on S. edges, and raise mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
Land rolling.
Soil sandy, 2nd. and 3rd. rate.
Timber, cedar.
Dense undergrowth. 80.00 chs.

SUBDIVISION OF T. 1 S R 2 W U. S. B. and M.

CHAINS

S. $89^{\circ}48'$ E. on random line bet. secs. 11 and 14.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.07 Intersect N. and S. line 21 lks. S. of the cor. of secs. 11, 12, 13 and 14.

Thence I run,

H. $89^{\circ}57'$ W. on true line bet. secs. 11 and 14 over rolling land through dense artemisia.

23.75 Enter scattering cedar, bears N. and S.

27.00 Wash 50 ft. wide 15 ft. deep, coarse S.

29.50 Steep descent. Leave cedar, bears N W. S E.

32.00 Foot of steep descent, enter bottom, bears N W and S E.

39.00 Cottonwood Creek 8 lks. wide Wash 35 ft. deep, 100 ft wide bears S E.

Ascend.

40.03 Set a cobble stone 14X8X6 ins. 10 ins. in the ground for $\frac{1}{2}$ sec. cor, mka. $\frac{1}{2}$ on N. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.

Leave bottom, through scattering cedar.

49.50 Top of steep ascent, bears N W and S E, over rolling land

52.00 Old road, bears N W and S E.

78.50 Dry run, coarse S E.

80.07 The cor. of secs. 10, 11, 14 and 15.

Land rolling and broken.

Soil stony 2nd. and 3rd. rate.

Timber, cedar.

Dense unacrgrowth. 80.07 chs.

H. $0^{\circ}2'$ W. bet. secs. 10 and 11, over rolling land through dense artemisia.

1.00 Dry run, course E.

Ascend over broken land through scrubby cedar.

28.00 Leave timber, bears E and W.

40.00 Set a cobble stone 14X8X5 ins. 10 ins. in the ground for

SUBDIVISION OF T. 1 S R 2 W U. S. B. and H.

CHAINS	$\frac{1}{2}$ sec. cor. mkd. $\frac{1}{4}$ on W. face, and dig pits 18X18X12 ins N. and S. of stone 3 ft., raise mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high W. of cor.
60.00	Old road, bears N W and S E. Steep descent.
64.00	Cottonwood Creek, 3 lks. wide in wash 50 ft. deep, 250 ft. below sec. cor, course S E.
68.00	Begin steep ascent, bears N W and S E. Sandstone cliffs 100 ft. high bear N.W and S E.
74.00	Top of steep ascent 200 ft. above creek, bears N W and S E. over rolling land.
80.00	Set a cobble stone 15X10X8 ins. 10 ins. in the ground for cor. of secs. 2, 3, 10 and 11, mkd. 2 notches on the E and 5 on the S. edges and dig pits 18X18X12 ins in each sec. $5\frac{1}{2}$ ft. dist, and raise mound of earth 4 ft. base 2 ft. high W. of cor. Land mountainous. Soil stony, 3rd. rate. Timber cedar. Mountainous land and dense undergrowth. 80.00 chs.
	S. $89^{\circ}57'$ E. on random line bet. secs. 2 and 11.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.03	Intersect N. and S. lines 2 lks. S of the cor. of secs 1, 2, 11 and 12. Thence I run, N. $89^{\circ}58'$ W. on true line bet. secs. 2 and 11, over rolling land, through dense artemisia.
20.00	Begin steep descent, bears N and S.
32.00	Wash 100 ft. deep, course S. Ascend.
40.01	Set a sandstone 20X12X8 ins. 15 ins. in the ground for $\frac{1}{2}$ sec. cor, mkd. $\frac{1}{4}$ on N. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.

SUBDIVISION OF T. 1 S. R. 2 W. U. S. B. and M.

CHAINS

Descend.

44.00 Enter scattering cedar timber.

51.00 Wash 125 ft. deep, coarse S.

Ascend.

68.00 Leave cedar timber.

80.03 The cor. of secs. 2, 3, 10 and 11.

Land rolling and broken.

Soil stony 3rd. rate.

Timber, cedar.

Dense undergrowth. 80.03 chs.

April 25th, 1904

At this cor. I set off $13^{\circ}15'$ N. on decl. arc, and at 11h 58m a.m. l.m.t. observed the sun on the meridian. The resulting lat. is $40^{\circ}25'$ N.

N. $0^{\circ}3'$ W. bet. secs. 2 and 3, over rolling land through dense Artimesa.

40.00 Set a sandstone 20X12X8 ins. 15 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ on W. face and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.

70.00 Enter heavy cedar timber, bears E and W.

85.69 Intersect Uintah Special Base 4.54 chs. E. of standard cor. of secs. 34 and 35, which is,

A trachyte stone 10X8X6 ins. above ground, firmly set and mkd and witnessed as described under contract No 266 Harvey D. Heist, Deputy Surveyor.

Set a sandstone 15X12X4 ins. 10 ins. in the ground for closing cor. of secs. 2 and 3, mkd. C C on S, with 2 grooves on E. and 4 on W. faces, from which,

A cedar tree 4 ins. in diam. bears S $9\frac{1}{2}^{\circ}$ E. 224 lks, dist, mkd. T 1 S R 2 W S 2 B T.

A cedar tree 10 ins. in diam. bears S 11° W. 159 lks dist. mkd, T 1 S R 2 W S 3 B T.

Land rolling.

Soil sandy and stony; 3d rate.

SUBDIVISION OF T. I. S. R. E. U. S. E. and M. S. S.

- CHAINS Timber cedar.
 Dense undergrowth and heavy timber 85.69 chs.
-
- From the reestablished cor. of secs. 3, 4, 33 and 34 on S. bdy. of Tp., hereto cor. described, I run N. $0^{\circ}2'$ W. bet. secs. 33 and 34.
- Ascend over broken sandstone ledges and boulders, through scattering cedar and dense artemisia.
- 14.00 Top of ledges, bear E and W. over rolling land.
- 40.00 Set a sandstone 16X12X6 ins. 11 ins. in the ground for $\frac{1}{2}$ sec. cor. mkd. $\frac{1}{4}$ on W. face and dig pits 18X18X12 ins N. and S. of stone. 5 ft dist. and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
- 70.00 Descend.
- 80.00 Set a sandstone 20X14X8 ins. 15 in. in the ground for cor of secs. 27, 28, 33 and 34, mkd. with 3 notches on E and one on S. edges, and dig pits 18X18X12 ins. in each sec. $5\frac{1}{2}$ ft. dist, and raise mound of earth 4 ft base, 2 ft. high W. of cor.
- Land rolling and broken.
- Soil sandy and stony, 2nd. and 3rd. rate.
- Timber, cedar.
- Dense undergrowth. 80.00 chs.
-
- N. $89^{\circ}53'$ E. on random line bet. secs. 27 and 34.
- 40.00 Set temp. $\frac{1}{2}$ sec. cor.
- 80.18 Intersect N. and S. line 7 lks. N. of the cor. of secs. 36, 27, 34 and 35, previously described.
- Thence I run,
- S. $89^{\circ}55'$ W. on true line bet secs. 27 and 34.
- Over rolling land through dense artemisia.
- 50.00 Road, bears N E and S W.
- 40.00 Set a sandstone 12X8X6 ins. 8 ins. in the ground for $\frac{1}{2}$ sec. cor, mkd. $\frac{1}{4}$ on N. face, and dig pits 18X18X12 ins. E and W. of stone. 5 ft. dist, and raise mound

SUBDIVISION OF T L S R 2 W U. S. B. and M.

CHAINS

of earth, $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high N. of cor.

80.18 The cor. of secs. 27, 28, 33 and 34.

Land rolling.

Soil sandy, 2nd. and 3rd. rate.

No timber.

Dense undergrowth. 80.18 chs.

N. $0^{\circ}2'$ W. bct. secs. 27 and 28.

Over rolling land through dense artemisia.

40.00 Set cobble stone 16X13X7 ins. 11 ins. in the ground for $\frac{1}{2}$ sec. cor, mkd. $\frac{1}{2}$ on W. face and dig pits 18X18X12 ins H. and S. of stone. 3 ft. dist, and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

44.00 Enter heavy cedar timber, bears E. and W.

60.00 Wash 15 ft. deep and 30 ft. wide, course E.

Leave cedar, bears E and W.

80.00 Set a sandstone 14X8X6 ins. 10 ins. in the ground for cor. of secs. 21, 22, 27 and 28, mkd. 2 notches on S. and 3 on E. edges., from which,
A cedar tree 6 ins. in diam. bears N. 17° E. 122 lks.
dist. mkd. T L S R 2 W S 22 B T.

A cedar tree 8 ins. in diam. bears N. $20\frac{1}{2}^{\circ}$ W. 3 chs.
dist. mkd. T L S R 2 W S 21 B T.

No other bearing trees within limit, dig pits 18X18X12 ins. in each sec. $5\frac{1}{2}$ ft. dist and raise mound of earth 4 ft. base, 2 ft. high W. of cor.

Land rolling.

Soil sandy, 2nd. and 3rd. rate.

Timber, cedar.

Dense undergrowth. 80.00 chs.

April 25th., 1904.

April 26th., 1904.

At 7 a.m. I set off $40^{\circ}23'$ N. on lat. arc;

SUBDIVISION OF T 1 S R 2 W U. S. B. and H.

CHAINS	13°32' N. on decl. arc, and determine a true meridian with the solar, at the cor. of secs. 21, 22, 27 and 28 Thence I run, N. 89°55' E. on random line bet. secs 22 and 27.
40.00	Set temp. $\frac{1}{2}$ sec. cor.
80.08	Intersect N. and S. line 7 lks. S. of the cor. of secs 22, 23, 26 and 27. Thence I run, S. 89°52' W. on true line bet. secs. 22 and 27. Descending over rolling land through dense Artimesa.
40.04	Set a Cedar post 3 ft. long, 4 ins. square, 24 ins. in the ground for $\frac{1}{4}$ sec. cor. mdk. $\frac{1}{4}$ S 22 on N. and S 27 on S, and dig pits 18X18X12 ins. E and W. of post 3 ft. dist, and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.
63.00	Wash; in hollow drains SE.
80.08	The cor. of secs. 21, 22, 27 and 28. Land rolling. Soil sandy 2nd. and 3rd. rate. No timber. Dense undergrowth. 80.08 chs.

	N. 0°2' W. bet. secs. 21 and 22. Over rolling land through dense Artimesa.
2.00	Enter scattering cedar.
10.00	Wash, 8 ft. deep, 12 ft. wide, course S E. Ascend.
17.00	Enter heavy cedar timber, bears E and W.
40.00	Set a sandstone 18X14X12 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor, mdk. $\frac{1}{4}$ on W. face, from which, A cedar tree 5 ins. in diam, bears S 48°E. 11 lks. dist. mdk. $\frac{1}{4}$ S 22 B T. A cedar tree 6 ins. in diam. bears N. $60\frac{1}{2}$ °W. 43 lks. dist. mdk. $\frac{1}{4}$ S 21 B T.
50.00	Sandstone ledges, bear E and W.

SUBDIVISION OF T. 1 S R 2 W. U. S. B. and M.

CHAINS

- Descend.
- 60.00 Leave cedar timber, bears E and W.
- 80.00 Set a shale rock 14X12X8 ins. 10' ins. in the ground for cor. of secs. 15, 16, 21 and 22, mkd. 1 S on N E, 2 W on S E. and 3 notches on S and E. edges, and dig pits 18X18X12 ins. in each sec. $\frac{5}{2}$ ft. dist., and raise a mound of earth 4 ft. base; 2 ft. high W. of cor.
Land rolling and broken.
Soil sandy and stony 2nd. and 3rd. rate.
Timber, Cedar:
Dense undergrowth, 80.00 chs.
-
- N. $89^{\circ}52'$ E on random line bet. secs 15 and 22.
- 40.00 Set temp. $\frac{1}{2}$ sec. cor.
- 80.06 Intersect N and S. line 14 lks N. of the cor. of secs 14, 15, 22 and 23.
Thence I run,
S. $89^{\circ}58'$ W. on true line bet. secs. 15 and 22.
over rolling land through dense Artimesa and heavy cedar timber.
- 35.00 Leave heavy cedar timber, enter scattering.
- 40.03 Set a sandstone 14X8X4 ins. 1" ins. in the ground for $\frac{1}{4}$ sec. cor, mkd $\frac{1}{2}$ on N. face, from which, a cedar tree 5 ins. in diam. bears S 9° E. 8 lks. dist mkd. $\frac{1}{2}$ S 22 B T.
No other bearing trees within limit. Dig pits 18X18X12 ins. E and W. of stone, 3 ft. dist., and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.
- 70.50 Leave cedar timber.
- 80.00 The cor. of secs. 15, 16, 21 and 22.
Land rolling.
Soil sandy 2nd. and 3rd. rate.
Timber, cedar.

SUBDIVISION OF T.H.L.S R' 2 N. U.S. B. and M.

CHAINS

Dense undergrowth and heavy timber. 80.06 chs.

N. $0^{\circ} 2'$ W. bet. secs. 15 and 16, descending over rolling land through dense Artimesa.

17.50 Wash, course E.; in hollow.

Ascend.

40.00 Set a sandstone 14X8X6 ins. 10 ins. in the ground for $\frac{1}{2}$ sec. cor, mkd. $\frac{1}{2}$ on W. face, and dig pits 18X18X12 ins N. and S. of stone 3 ft. dist., and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.

49.50 Abrupt ascent over sandstone ledges 100 ft. high, through heavy cedar timber, bears E and W.

59.50 Top of ledges 175 ft. above $\frac{1}{2}$ sec. cor bears E and W. Descend.

76.00 Dry run. Leave cedar timber, bears E and W.; in hollow.

80.00 Set a sandstone 14X8X5 ins. 10 ins. in the ground for cor. of secs. 9, 10, 15 and 16, mkd. with 3 notches on E. and 4 on S. edges, and dig pits 18X18X12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise mound of earth 4 ft base, 2 ft. high W. of cor. Land rolling and broken.

Soil sandy and stony, 2nd. and 3rd. rate.

Timber, cedar.

Dense undergrowth and heavy timber. 80.00 chs.

April 26th., 1904, I set off $13^{\circ}34'$ N. on decl. arc and at 11h 58m a.m. l.m.t observed the sun on the meridian. The resulting lat. $40^{\circ}25'$ N.

N. $89^{\circ} 58'$ E. on random line bet. secs 10 and 15.

40.0 Set temp. $\frac{1}{4}$ sec. cor.

80.09 Intersect N. and S. line 5 lks. N. of the cor. of secs 10, 11, 14 and 15.

Thence I run,

W. on true line bet. secs 10 and 15.
over rolling land, through dense Artimesa.

SUBDIVISION OF T 1 S R 2 W. U. S. B. and M.

- CHAINS
- 20.00 Sand stone ledges, bear N W and S E, through heavy cedar timber.
- 40.04 Set a sandstone 14X10X5 ins. 10 ins. in the ground for $\frac{1}{2}$ sec. cor. mkd. $\frac{1}{2}$ on N. face, from which,
A cedar tree 14 ins. in diam. bears N 23° E. 29 lks.
dist. mkd $\frac{1}{4}$ S 10 B T.
A cedar tree 8 ins. in diam. bears S 77° W. 28 lks dist
mkd. $\frac{1}{4}$ S 15 B T.
- 45.00 Sandstone ledges on spur, 15 ft. high, projects S E.
Descend, through scattering cedar timber.
- 80.09 The cor. of secs. 9, 10, 15 and 16.
Land rolling and broken.
Soil stony and sandy, 3rd. and 4th. rate.
Timber. cedar.
Dense undergrowth and heavy timber. 80.09 chs.
-
- N. $0^\circ 2'$ W. bet. secs 9 and 10.
Ascending over rolling land, through dense Artimesa.
- 3.50 Enter heavy cedar timber, bears E and W.
- 20.00 Sandstone ledges, 50 ft. high, bear N W and S E.
- 35.00 Top of flat ridge, bears E and W.
Descend.
- 40.00 Set a sandstone 12X10X5 ins. 8 ins. in the ground for $\frac{1}{2}$ sec. cor. mkd. $\frac{1}{2}$ on W. face, from which.
A cedar tree 12 ins. in diam. bears S 89° E 15 lks. dist
mkd. $\frac{1}{4}$ S 10 B T.
A cedar tree 7 ins. in diam, bears N 11° W. 16 lks. dist
mkd. $\frac{1}{2}$ S 9 B T.
- 59.00 Leave timber, bears E and W.
- 80.00 Set a sandstone 15X10X4 ins. 10 ins. in the ground for cor of secs. 3, 4, 9 and 10, mkd. with 3 notches on E and 5 on S edges, and dig pits 18X18X12 ins. in each sec. $5\frac{1}{2}$ ft. dist, and raise mound of earth 4 ft. base
2 ft. high W. of cor.

SUBDIVISION OF T 1 S R 2 W. U. S. B. and H.

CHAINS	Land rolling. Soil sandy 2nd. rate. Timber. cedar. Dense undergrowth. 80.00 chs.
	E. on random line bet. secs 3 and 10. Set temp. $\frac{1}{4}$ sec. cor.
40.00	Intersect N. and S. line 5 lks. N. of the cor. of secs 2, 3, 10 and 11. Thence I run, N. $89^{\circ}58'$ W. on true line bet. secs. 3 and 10, over nearly level land through dense Artimesa.
6.50	Begin steep descent, bears N and S.
11.50	Foot of steep descent, along bottom, bears N and S.
14.50	Cottonwood Creek 5 lks. wide in bottom of wash 150 ft wide.
	Ascend.
27.00	Enter scattering cedar timber. Old road, bears N and S.
40.06	Set a cobble stone 18X12X8 ins. 12 ins. in the ground for $\frac{1}{2}$ sec. cor. laid $\frac{1}{4}$ on N. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
52.00	Leave timber, bears N W and S. E.
80.12	The cor. of secs. 3, 4, 9 and 10. Land broken. Soil stony and sandy. 3rd. and 4th. rate. Timber, cedar. Dense undergrowth. 80.12 chs.
	N. $0^{\circ}2'$ W. bet. secs. 3 and 4. Over rolling land through dense Artimesa.
23.50	Enter heavy scrub cedar timber, bears N W and S E.
24.50	Begin steep descent, bears E and W.
27.00	Ravine 75 ft. deep, course E.

SUBDIVISION OF T. 1 S R 2 W. U. S. B. and M.

CHAINS	
	Ascend.
30.00	Spur, projects E. Leave timber, bears E and W.
	Descend.
34.20	Hollow, course S E.
	Ascend.
40.00	Set a cobble stone 18X14X12 ins. 12 ins. in the ground for $\frac{1}{2}$ sec. cor. mkd. $\frac{1}{4}$ on W. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
51.00	Enter heavy cedar timber, bears E and W.
	Steep descent.
55.00	Hollow, course E.
	Ascend.
57.50	Spur, projects E.
	Descend.
63.00	Foot steep descent. Leave cedars, bear N W and S E over nearly level land.
81.50	Dry wash 15 ft. wide 4 ft. deep, course S 25° E.
85.39	Intersect Uintah Special Base 4.33 chs. E. of standard cor. of secs. 33 and 34., which is a traenite stone 10X10X6 ins. above ground firmly set and mkd. and witnessed as described under contract No 266, Harvey D. Heist Deputy Surveyor.
	Set a cobble stone 15X10X6 ins. 10 ins. in the ground for closing cor. to secs 3 and 4, mkd. C C on S. with 3 grooves on E and W. faces, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high S. of cor.
	Land rolling and broken.
	Soil sandy and stony 2nd. and 3rd. rate.
	Timber, cedar.
	Dense undergrowth and heavy timber. 85.39 chs.
	April 26th., 1904.
	April 27th., 1904.
	At 7 a.m. l.m.t. I set off $40^{\circ}21'$ N. on lat. arc

SUBDIVISION OF T. 1 S R. 2 W U. S. B. and H.

CHAINS	13°51' N. on deck arc, and determined a true meridian with the solar at the cor. of secs. 4, 5, 32 and 33, on S. bdy of Tp. previously described. Thence I run, N. 0°3' W. bet. secs 32 and 33, ascending through heavy cedar timber and over broken land.
9.00	Spur, projects S E. Descend.
14.00	Ravine 100 ft. deep, course S E. Ascend.
40.00	Set a sandstone 15X8X5 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ on W. face, from which, A cedar tree 19 ins. in diam. bears S. 10°E. 12 lks. dist mkd. $\frac{1}{4}$ S 33 B T. A cedar tree 12 ins. in diam. bears N 85°W. 14 lks. dist mkd. $\frac{1}{2}$ S 32 B T.
78.00	Leave timber, enter dense sage brush, bears E and W.
80.00	Set a sandstone 18X10X5 ins. 12 ins. in the ground for cor. of secs. 28, 29, 32 and 33, mkd. 1 notch on S and 4 on E. edges, from which, A cedar tree 6 ins. in diam. bears S. $10\frac{1}{2}$ ° E. 185 lks. dist. mkd. T 1 S R 2 W S 33 B T A cedar tree 6 ins. in diam. bears S. 10° W. 234 lks. dist. mkd. T 1 S R 2 W S 32 B T. No other bearing trees within limit, raise mound of ston 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land mountainous. Soil stony 3rd. and 4th. rate. Timber, cedar. Mountainous land, dense undergrowth and heavy timber,
80.00	chs.
	N. 89°52' E. on random line bet. secs 28 and 33.
40.00	Set trip. $\frac{1}{2}$ sec. cor.

SUBDIVISION OF T 1 S R 2 W. U. S. B. and M.

CHAINS

- 80.02 Intersect N. and S. line 7 lks. N. of the cor. of secs 27, 28, 33 and 34.
Thence I run, S.89°55'W..
On true line bet. secs. 28 and 33.
Ascending over rolling land through dense artemisia and scattering cedar timber.
- 40.01 Set a sandstone 15X8X5. ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ on N. face, and dig pits 18X18X12 ins. E and W of stone. 3 ft. dist, and raise mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high N. of cor.
- 80.02 The cor. of secs. 28, 29, 32 and 33.
Land rolling.
Soil sandy, 2nd. and 3rd. rate.
Timber, cedar.
Dense undergrowth. 80.02 obs.
-
- N. 0°3' W. bet. secs 28 and 29.
Over rolling land through dense artemisia, and scattering cedar timber.
- 29.00 Enter scattering cedar timber, bears E and W.
- 40.00 Falls on sandstone boulder 20X10X4 ft. above ground, mkd. marked; cross(X) at exact point of $\frac{1}{4}$ sec. cor, with $\frac{1}{4}$ on W. of cross; from which
A cedar tree 15 ins. in diam. bears S 8°E. 56 lks. dist mkd $\frac{1}{4}$ S 28 B T.
A cedar tree 5 ins. in diam. bears S 88°W. 19 lks. dist mkd $\frac{1}{4}$ S 29 B T.
- 40.20 Dry wash 30 ft deep 10 ft. wide, course E.
- 80.00 Set a sandstone 15X8X8 ins. 10 ins. in the ground for cor. of secs. 20, 21, 28 and 29, mkd. 2 notches on S and 4 on E. edges, only three, bearing trees available, raise mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
From the cor.
A cedar tree 12 ins. in diam. bears N 62° E. 58 lks. dist

SUBDIVISION OF T 1 S R 2 W. U. S. B. and M.

CHAINS

mkd. T 1 S R 2 W S 21 B T.

A cedar tree 6 ins. in diam. bears S $37^{\circ}W$. 76 lks. dist
mkd T 1 S R 2 W S 29 B T.

A cedar tree .6 ins. in diam. bears N $10^{\circ}W$. 76 lks. dis
mkd. T 1 S R 2 W S 20 B T.

Land rolling.

Soil sandy and stony, 2nd. and 3rd. rate.

Timber, cedar.

Dense undergrowth and heavy timber. 30.00 chs.

N. $89^{\circ}55' E$. on random line bet. secs 21 and 28

40.00 Set temp. $\frac{1}{2}$ sec. cor.

79.90 Intersect N. and S. line 9 lks. S. of the cor. of secs
21, 22, 27 and 28.

Thence I run,

S. $89^{\circ}51' W$. on true line bet. secs 21 and 28

Ascending over rolling land through dense Artimesa.

12.00 Enter heavy cedar timber, bears N. and S.

30. 0 Leave timber, bears N. and S. .

39.95 Set a sandstone 18X12X8 ins. 12 ins. in the ground for
 $\frac{1}{2}$ sec. cor. mkd. $\frac{1}{2}$ on N. face, from which,

A cedar tree 8 ins. in diam. bears S. $35^{\circ}W$. 68 lks.

dist. mkd $\frac{1}{2}$ S 28 B T.

No other bearable trees within limit. Dig pits 18X18X12
ins E. and W. of stone. 3 ft. dist, and raise mound of
earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high N. of cor.

79.90 The cor. of secs. 20, 21, 28 and 29.

Land broken.

Soil sandy 2nd. and 3rd. rate.

Timber, cedar.

Dense undergrowth and heavy timber. 79.90 chs.

April 27th., 1904.

I set off $15^{\circ}54'$ N. on dec. arc, and at 11h 57m a.m.
i.m.t. observed the sun on the meridian, the resulting

SUBDIVISION OF T 1 S R 2 W U. S. B. and M.

CHAINS	
	lat. $40^{\circ}33' N.$
	<hr/>
	U. $0^{\circ}3'$ W. set. secs. 20 and 21, over rolling land, through dense Artemesia and heavy cedar timber.
35.00	Ridge, bears E. and W.
	Descend.
36.50	Leave timber, bears E and W.
40.00	Set a sandstone 2"X12X6 ins. 15 ins. in the ground for cor. sec. cor. mka. $\frac{1}{4}$ on W. face, and raise mound of stone 3 ft. base, $\frac{1}{4}$ ft. high W. of cor.
73.00	Wash, 7 ft. wide and 2 ft. deep, course E.; in hollow.
	Ascend.
76.00	Enter heavy cedar timber.
80.00	Set a sandstone 18.114X8 ins. 12 ins. in the ground for cor. of secs. 16, 17, 20 and 21, mka. with 3 notches on S and 4 on E. edges, from which,
	A cedar tree 2 ins. in diam. bears N 33° E. 225 lks. dist. mka. T 1 S R 2 W S 16 B T.
	A cedar tree 8 ins. diam., bears S 27° E. 73 lks. dist. mka. T 1 S R 2 W S 21 B T.
	A cedar tree 10 ins. in diam. bears S 26° W. 96 lks. dist. mka. T 1 S R 2 W S 20 B T.
	A cedar tree 6 ins. in diam. bears N 60° W. 99 lks. dist. mka. T 1 S R 2 W S 17 B T.
	Land rolling.
	Soil sandy 3rd. rate.
	Timber cedar.
	Dense undergrowth and heavy timber. 80.00 chs.
	<hr/>
	U. $39^{\circ} 51'$ E. bet. secs 16 and 21. on random line.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.97	Intersect N. and S. line 21 lks. N. of the cor. of secs. 15, 16, 21 and 22.
	Thence I run W. on true line bet. secs 16 and 21.

SUBDIVISION OF T. 1 S R. 2 W. U. S. B. and M.

CHAINS

Ascend, over rolling land through dense Artimesa.

39.92 Set sandstone 20X14X5 ins. 15 ins. in the ground for $\frac{1}{2}$ sec. cor, mkd. $\frac{1}{4}$ on N. face, and dig pits 18X18X12 ins E. and W. of stone, 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft base, $1\frac{1}{2}$ ft. high N. of cor.

50.00 Enter heavy cedar timber, bears N. and S.

57.00 Leave timber, bears N. and S.

58.70 Wash 5 ft. deep, 12 ft. wide, course S E.; in hollow.

79.97 The cor. of secs. 16, 17, 20 and 21:

Land rolling.

Soil sandy 2nd. and 3rd. rate.

Timber cedar.

Dense undergrowth and heavy timber. 79.97 chs.

N. 0°3' W. bot. secs 16 and 17, over rolling land through dense Artimesa.

24.00 Enter dense scrubby Aspen, bears E and W.

Hollow, course E.

40.00 Set a sandstone 16X12X6 ins. 11 ins. in the ground for $\frac{1}{2}$ sec. cor, mkd. $\frac{1}{4}$ on W. face, from which, A cedar tree 12 ins. in diam. bears N 7° W 55 lks. dist mkd. $\frac{1}{4}$ S 17 B T.

No other suitable bearing trees within limit, raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.

44.00 Spur ridge, projects S E.

Descend.

56.00 Hollow, course S E.

Ascend. Leave heavy timber, through scattering cedar.

80.00 Set a sandstone 18X12X4 ins. 12 ins. in the ground for cor. of secs 8, 9, 16 and 17, mkd. 4 notches on S and E. edges, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft high W. of cor.

Land rolling.

Soil sandy and stony 2nd. and 3rd. rate.

SUBDIVISION OF T 1 S R 2 W. U. S. B. and M.

CHAINS

Timber, cedar.

Dense undergrowth and heavy timber. 80.00 chs.

April 27th., 1904.

April 28th. 1904.

At 7 a.m. I m.t. I set off $40^{\circ} 24\frac{1}{2}'$ N. on lat. arc $14^{\circ} 10' N.$ on dec. arc and determined a true meridian with the solar, at the cor. of secs. 8, 9, 16 and 17. Thence I run,

E. on random line bet. secs 9 and 16.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.96 Intersect N. and S. line 5 lks. S. of the cor. of secs 9, 10 15 and 16.

Thence I run,

S. $89^{\circ} 58'$ W. on true line bet. secs 9 and 16 over rolling land through dense Artimesa.

7.00 Hollow, course S E.

Ascend through heavy cedar timber.

59.98 Set a sandstone 18X15X12 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{2}$ on N. face, from which, A cedar tree 11 in. in diam. bears S 21° W. 56 lks. dist mkd. $\frac{1}{2}$ S 16 B T.A cedar tree 8 ins. in diam bears N. 16° W. 18 lks. dist, mkd. $\frac{1}{4}$ S 9 B T.

48.00 Cavo timber, bears N and S.

79.96 The cor. of secs. 8, 9, 16 and 17.

Land rolling.

Soil sandy 2nd. and 3rd rate.

Timber cedar..

Dense undergrowth and heavy timber. 79.96 chs.

N. $0^{\circ} 3'$ W. bet. secs 8 and 9.

Descending over broken land, through dense Artimesa.

25.00 Broad Hollow, course E.

Ascend through heavy cedar timber.

SUBDIVISION OF T. 1 S. R. 2 T. H. S. B. and J.

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CHAINS	
40.00	Set a sandstone 15x9x6 ins. 10 ins. in the ground for 1/2 sec. cor, mkd. 1/4 on W. face, from which, A cedar 6 in. in diam. bears N. 21° E. 10 lks. dist. mkd 1/4 S. S. B. T.
	A cedar tree 9 ins. in diam. bears N. 60° W. 6 lks. dist. mkd 1/4 S. S. B. T.
41.00	Ridge, bears E. and W. Descend.
52.00	Ravine, 75 ft. deep, course E. Ascend through scattering cedar.
80.00	Set a sandstone 15x12x8 ins. 10 ins. in the ground for cor. of secs. 4, 5, 8 and 9 mkd. 4 notched on E and 5 on S. edges, and raise a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor. Land rolling and broken. Soil stony and sandy 2nd. and 4th. rate. Timber, cedar. Dense undergrowth and heavy timber. 80.00 chas.
	<u>N. 89°58' E. on random line bet. secs. 4 and 9.</u>
40.00	Set temp. 1/2 sec. cor.
80.00	Intersect N. and S. line 2 lks. S. of the cor. of secs. 3, 4, 9 and 10. Thence I run, S. 89°57' E. on true line bet. secs. 4 and 9, over rolling land through dense artemisia and scattering cedar timber.
40.00	Set a sandstone 18x12x8 ins. 12 ins. in the ground for 1/2 sec. cor, mkd. 1/4 on W. face, and raise mound of stone 2 ft. base 1 1/2 ft. high W. of cor.
80.00	The cor. of secs. 4, 5, 8 and 9. Land rolling. Soil sandy 2nd. rate. Timber cedar.

SUBDIVISION OF T 1 S R 2 W U. S. B. and M.

CHAINS

- Dense undergrowth. 80.00 chs.
- N. $0^{\circ}3'$ W. bet. secs 4 and 5., over rolling land through dense artemisia and scattering cedar timber.
- 7.00 Enter heavy timber, bears E. and W.
- 26.00 Begin steep descent, bears E. and W.
- 32.00 Foot of steep descent, leave timber, bears E. and W.
- 40.00 Set a sandstone 16X12X6 ins. 11.ins. in the ground for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{2}$ on W. face, and dig pits 18X18X12. ins. E. and W. stone 3 ft. ft. dist, and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$.ft. high W. of cor.
- 40.60 Wash 2 ft. deep, 4 ft. wide in bottom of broad hollow, course S E.
- 79.00 Steep ascent, through scattering cedar, bears N W and S.E.
- 80.45 Near top of steep ascent, bearing N W and S E. Intersect Uintah Special Base 4.28 chs E. of standard cor of secs. 32 and 33, which is,
A trachyte stone 13X10X6 ins. above ground, firmly set and mkd and witnessed as described under contract No 266, Harvey D. Heist, Deputy Surveyor.
Set a cobble stone 15X12X3 ins. 10.ins. in the gr und for a closing cor to secs 4 and 5, mkd. C C on S and 2 grooves on W. and 4 grooves on E. faces, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high S. of cor.
Land broken.
Soil stony loam 2nd. and 4th rate.
Timber, cedar.
Dense undergrowth and heavy timber. 85.45 chs.
April 28th.; 1904.
At this cor. I set off $14^{\circ}13'$ N. on decl. arc, and at 11h 57m a.m. l.m.t. observed the sun on the meridian. The resulting lat. is $40^{\circ}26'$ N.

SUBDIVISION OF T. 1 S R 2 W. U. S. B. and M.

CHAINS	From the cor. of secs. 5, 6, 31 and 32, on S. bdy of Tp. previously described, I run
	N. 89°04' W. bet. secs. 31 and 32..
	Ascending over broken mountainous land; through scattering cedar.
6.20	Top of round knoll 100 ft. high.
	Descend.
24.00	Hollow, course NE., begins steep ascent.
40.00	Set a sandstone 15X10X6 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ on W. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high. W. of cor.
62.00	Sandstone ledges, bear E and W.
65.00	Top of steep ascent 500 feet above hollow, bears N E and S W. over rolling land through dense artemisia.
80.00	Set a cobble stone 18X14X8 ins. 12 ins. in the ground for cor. of secs 29, 30, 31 and 32, mkd. 1 notch on S. and 5 on E. edges, and dig pits 18X18X12 ins. in each sec. $5\frac{1}{2}$ ft. dist, and raise mound of earth 4 ft. base 2 ft. high W. of cor.
	Land mountainous.
	Soil stony 3rd. and 4th. rate.
	Timber, cedar.
	Mountainous land and dense undergrowth. 80.00 chs.
	N. 89°52' E. on random line bet. secs 29 and 32.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line 9 lks. N. of the cor of secs. 28, 29, 32 and 33.
	Thence I run,
	S. 89°56' W. on true line bet. secs 29 and 32, ascending over rolling land through dense sage.
40.041	Set a sandstone 14X10X8 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor mkd. $\frac{1}{4}$ on N. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
45.00	Begin steep ascent over broken land through scattering

SUBDIVISION OF T. 1. S. R. 2 W. U. S. B. and M.

CHAINS

- cedar, bearing N E and SW.
- 64.00 Top of steep ascent, bears N and S W., over rolling land through dense artemesia.
- 60.09 The cor. of secs. 29, 30, 31 and 32.
Land rolling and broken.
Soil sandy and stony, 2nd. and 4th. rate.
Timber, cedar.
Dense undergrowth and mountainous land. 60.09 chs.
-
- S, $89^{\circ}53'$ W. on random line bet. secs 30 and 31.
- 49.00 Set temp. $\frac{1}{2}$ sec. cor.
- 78.00 Intercept W. bdy. of Tp. 28 lks. S. of the cor. of secs. 25, 30, 31 and 36, previously described.
Thence 1 run,
S $89^{\circ}56'$ E. on true line bet. secs 30 and 31.
Descend through scrub cedar.
- 54.00 Wash 75 ft. below cor. course S W.; in hollow.
Ascend.
- 54.00 Leave cedar timber. Enter dense artemisia.
- 58.00 Set a cobble stone 18X10X8 ins. 8 ins. in the ground for $\frac{1}{4}$ sec. cor, mka. $\frac{1}{2}$ on N. face, and dig pits 18X18X12 ins. E. and W. of stone 3 ft. lat. and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.
- 57.00 Begin steep ascent, bears N and S.
- 67.00 Top of steep ascent, thence over rolling land.
- 72.00 Leave cedar timber, through dense artemisia.
- 78.00 The cor. of secs. 29, 30, 31 and 32.
Land broken.
Soil stony 3rd. and 4th. rate.
Timber, cedar.
Mountainous land and dense undergrowth, 78.00 chs.

April 28th., 1904.

April 29th., 1904.

At 7 a.m. I set off $40^{\circ}22'$ N. on lat. arc,

SUBDIVISION OF T 1 S R 2 W. U. S. B. and M.

CHAINS	14°29' N. on decl. arc and determined a true meridian with the solar, at the cor. of secs 29, 30, 31 and 32. Thence I run N. 0°4' W. bet. secs 29 and 30. Over rolling land through dense artemisia.
35.00	Begin steep descent over broken N. E. slope through scattering cedar.
40.00	Set a cobble stone 15X13X8 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor, mka. $\frac{1}{4}$ on W. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
57.00	Sandstone ledge, bears N W and S E.
80.00	Set a sandstone 18X12X8 ins. 12 ins. in the ground for cor. of secs 19, 20, 29 and 30, mka 2 notches on S and 5 on E. edges, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land broken. Soil stony 4th. rate. Timber, cedar. Mountainous land and dense undergrowth. 80.00 chs.
40.00	N. 89°56' E. on random line bet. secs. 20 and 29.
80.17	Set temp. $\frac{1}{4}$ sec. cor. Intersect N and S. line 26 lks. N. of the cor. of secs 20, 21, 28 and 29. Thence I run, N. 89°53' W. on true line bet. secs 20 and 29. Over rolling land through dense artemisia.
23.50	Ravine 50 ft. deep, course S E. Ascend over broken E slope of mountain.
40.08	Set a sandstone 15X10X8 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor, mka. $\frac{1}{4}$ on N. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
80.17	The cor. of secs. 19, 20, 29 and 30. Land mountainous. Soil stony, 3rd. and 4th. rate.

SUBDIVISION OF T. 1 S R. 2 W. U. S. E. and M.

CHAINS

- No timber.
- Mountainous land and dense undergrowth. 80.17 chs.
-
- N. $89^{\circ}56'$ W. on random line bet. secs 19 and 30.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 77.80 Intersect W. bdy. of Tp 9 lks. S of the cor. of secs 19, 24, 25 and 30, previously described.
Thence I run,
S. $89^{\circ}52'$ E. bet. secs 19 and 30. Over rolling land and dense artemisia.
- 37.80 Set a cobble stone 15X10X5 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ on N. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
- 55.00 Enter heavy scrub cedar timber, bears N and S.
- 57.00 Begin steep descent through scattering timber, bears N. and S.
- 70.00 Sandstone ledges, bear N. and S. 50 ft. high.
- 77.80 The cor. of secs: 19, 20, 29 and 30
Land rolling and broken.
Soil stony and sandy. 3rd. and 4th. rate.
Timber, cedar.
Mountainous land and dense undergrowth. 77.80 chs.
- April 29th., 1904.
- I set off $14^{\circ}31'$ N. on dec' arc, and at 11h 57m a.m. l.m.t. observed the sun on the meridian, the resulting lat. $40^{\circ}23'$ N.
-
- N. $0^{\circ}4'$ W. bet. secs. 19 and 20.
- Over broken E slope of mountain through scrubby cedar timber.
- 40.00 Set a cobble stone 15X12X8 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ on W. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
- 80.00 Set a cobblestone 18X12X10 ins. 12 ins. in the ground for

SUBDIVISION OF T. I. S. R. 2 Y. U. S. T. B. and N.

CHAINS	cor. of secs. 17, 18, 19 and 20, mkd. 3 notches on S. and 5 on E. edges, from which, A cedar tree 10 ins. in diam. bears N $41\frac{1}{2}$ ° E. 65 lks. dist., mkd T 1 S R 2 W. S 17 B T. A cedar tree 20 ins. in diam. bears S 51° E. 25 lks. dist. mkd. T 1 S R 2 W S 19 B T. No other bearing tree within limit, raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land broken. Soil stony 4th. rate. Timber, cedar. Mountainous land. 80.00 chs.
40.00	S. $89^{\circ}53'$ E. on random line bet. secs 17 and 20. Set temp. $\frac{1}{2}$ sec. cor.
40.07	Intersect N. and S. line 18 lks. S. of the cor. of secs 16, 17, 20 and 21. Thence I run, S $89^{\circ}59'$ W. on true line bet. secs 17 and 20.
51.00	Ascend over broken mountainous land through heavy cedar timber.
40.03	Leave timber, bears N and S. Set a sandstone 20X12X10 ins. 15 ins. in the ground for $\frac{1}{2}$ sec. cor, mkd. $\frac{1}{2}$ on N. face, and dig pits 18X18X12 ins N. and W. of stone 3 ft. dist, and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.
46.50	Enter heavy cedar timber, bears N and S.
64.50	Sand stone ledges, bear N and S.
78.00	Gradual ascent.
80.07	The cor. of secs. 17, 18, 19 and 20. Land broken. Soil stony 4th. rate.

SUBDIVISION OF T 1 S R 2 W U. S. B. and M.

CHAINS

Timber, cedar.

Mountainous land and heavy timber. 80.07 chs.

N. $89^{\circ}53'$ W. on random line bet. secs 18 and 19.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

77.70 Intersect W. bdy. of Tp. 35 lks. N. of the cor. of secs. 18, 19, 19 and 24, previously described.

Thence I run,

W. $89^{\circ}53'$ E. on true line bet. secs. 18 and 19.

over rolling land through dense artemisia.

87.70 Set a cobble stone 15X12X9 ins. 10 ins. in the ground for $\frac{1}{2}$ sec. cor, mkd. $\frac{1}{2}$ on W. face, and dig pits 18X18X12 ins. E and W. of stone 3 ft. dist., and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.

40.00 Enter heavy cedar timber, bears N and S.

40.00 Steep ascent, over broken land.

77.70 The cor of secs 17, 18 19 and 20.

Land rolling and broken.

Soil loam and stony, 2nd. and 3rd. rate.

Timber, cedar.

Mountainous land, dense undergrowth and heavy timber.

77.70 end.

April 29th. 1904.

April 30th., 1904.

At Thru. lat.

I set off $40^{\circ}24'$ N. on lat. arc, $14^{\circ}47'$ N. on dec. arc, and determined a true meridian with the solar, at the cor of secs 17, 18, 19 and 20.

Thence I run,

W. $0^{\circ}4'$ W. bet. secs. 17 and 18.

Ascend through heavy cedar over mountainous land.

22.00 Descend.

40.00 Set a sandstone 12X8X6 ins. 8 ins. in the ground for

SUBDIVISION OF T 1 S R 2 E. U. S. R. and N.

CHAINS

- $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{2}$ on W. face. from which,
A cedar tree 8 ins. in diam. bears N. 34° E. 32 lks.
dist. mkd. $\frac{1}{2}$ S 17 B T.
- A cedar tree 7 ins. in diam, bears S 54° W. 13 lks
dist, mkd. $\frac{1}{2}$ S 18, B T.
- 60.50 Ravine 75 ft. deep, course E
Ascend.
- 71.00 Spur, projects E.
Descend.
- 80.00 Set a cobble stone 16X10X6 ins. 11 ins. in the ground
for cor. of secs 7, 8, 17 and 18, mkd. 4 notches on S
and 5 notches on E. edges, from which,
A cedar tree 6 ins. in diam. bears N. 14° E. 12 lks
aist. mkd. T 1 S R 2 W S 8 B T.
A cedar tree 8 ins. in diam. bears S 74° E. 12 lks.
dist. mkd. T 1 S R 2 W S 17 B T.
A cedar tree 6 ins. in diam. bears S. 4° W. 14 lks.
dist, mkd. T 1 S R 2 W S 18 B T.
A cedar tree 8 ins. in diam. bears N 31° W. 30 lks.
dist, mkd. T 1 S R S 7 B T.
Land broken.
Soil stony 3rd. rate.
Timber, cedar.
Mountainous land and heavy timber, 80.00 chs.
-
- N. $89^{\circ}59'$ E. on random line bet. secs. 8 and 17.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 50.14 Intersect N. and S. line 14 lks. S. of the cor. of secs
8, 9, 16 and 17.
Thence I run,
S. $89^{\circ}53'$ W. on true line bet. secs 8 and 17.
Ascending over broken E. slope of mountain through
scattering cedar timber.
- 16,00 Ravine 50 ft. deep, course S E.

SUBDIVISION OF T. 1 S. R. 2 W. U. S. B. and K.

CHAINS	
32.00	Enter heavy cedar timber, bears N and S.
40.07	On spur, projects S E. Set a sandstone 16X12X10 ins. 11 ins. in the ground for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{4}$ on N. face. from which, A cedar tree 8 ins. in diam. bears N $80^{\circ} E$ 39 lks. dist mkd. $\frac{1}{4}$ S 8 B T.
	A cedar tree 8 ins. in diam. bears S. $51^{\circ} W$. 31 lks dist, mkd. $\frac{1}{4}$ S 17 B T.
46.00	Hollow, course S E. Ascend.
80.14	The cor. of secs. 7, 8, 17 and 18 400 ft. above hollow. Land mountainous. Soil stony, 4th. rate. Timber, cedar. Mountainous land and heavy timber . 80.14 chs.
	S. $89^{\circ} 53' W$ on random line bet. secs 7 and 18.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
77.60	Intersect W. bdy. of Tp. 16 lks. S. of the cor. of secs. 7, 12, 13 and 18, previously described. Thence I run,
	E on true line bet. secs. 7 and 18. Over rolling land through dense sage brush.
12.50	Hollow, course S. Begin steep ascent.
14.35	Enter heavy cedar timber, bears N. and S.
27.00	Top of steep ascent, bears N. and S.
37.60	Set a cobble stone 14X10X6 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{4}$ on N. face, from which, A cedar tree 12 ins. in diam bears N $4^{\circ} W$. 51 lks dist. mkd $\frac{1}{4}$ S 7 B T.
	A cedar tree 12 ins. in diam. bears S $40^{\circ} E$. 79 lks. dist, mkd. $\frac{1}{4}$ S 18 B T
63.00	Begin steep descent along E slope of mountain.
77.60	The cor. of secs. 7, 8, 17 and 18.

SUBDIVISION OF T 1 S R 2 W. U. S. B. and M.

CHAINS

Land rolling and broken.

Soil stony 3rd. rate.

Timber, cedar.

Mountainous land, heavy timber, and dense undergrowth
77.60 chs.

April 30th., 1904.

I set off $14^{\circ}50'$ N. on dec. arc, and at 11h 57m
a.m. l.m.t. observed the sun on the meridian. The re-
sulting lat. is $40^{\circ}25'$ N.

N. $0^{\circ}4'$ W. bet. secs 7 and 8.

Descending over mountainous land through heavy cedar
timber.

33.00 Scattering cedar timber.

39.00 Broken sandstone ledges, bear E. and W. Ravine at foot
of ledges, course W.

40.00 Set sandstone 18X15X14 ins. 12 ins. in the ground for
 $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{2}$ on W. face, and raise mound of stone
2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.

80.00 Set a sandstone 18X12X5 ins. 12 ins. in the ground for
cor. of secs. 5, 6, 7, and 8, mkd. 5 notches on S and
E. edges, from which,

A cedar tree 6 ins. in diam. bears N. 70° E. 34 lks.
dist. mkd. T 1 S R 2 W S 5 B T.

A cedar tree 8 ins. in diam. bears S 71° E. 23 lks.
dist. mkd. T 1 S R 2 W S 8 B T.

A cedar tree 8 ins. in diam. bears S 42° W. 34 lks.
dist. mkd. T 1 S R 2 W S 7 B T.

A cedar tree 10 ins. in diam. bears N 74° W. 6 lks.
dist. mkd. T 1 S R 2 W S 6 B T.

Land broken.

Soil stony 4th. rate.

Timber, cedar.

Mountainous land and heavy timber, 80.00 chs.

SUBDIVISION OF T 1 S R 2 W. U. S. B. and M.

CHAINS	
	N. $89^{\circ}53'$ E. on random line bet. secs. 5 and 8.
40. 0	Set temp. $\frac{1}{2}$ sec. cor.
80.12	Intersect N. and S. lines 16 lks. N. of the cor. of secs 4, 5, 8 and 9. Thence I run W. on true line bet. secs 5 and 8. Ascending E. slope of mountain over broken land through scrubby cedar timber.
33.00	Spur, projects S. Descend.
35.00	Hollow, course S. Ascend.
40.06	Set a cobble stone 14X10X9 ins. 10 ins. in the ground for $\frac{1}{2}$ sec. cor, mkd. $\frac{1}{4}$ on N. face, and raise mound of stone $\frac{3}{2}$ ft. base $\frac{1}{2}$ ft. high N. of cor.
43.00	Enter scrubby cedar.
51.50	Leave cedar, bears N. and S. Enter dense artemisia.
58.50	Enter heavy timber, bears N W and S E.
80.12	The cor. of secs. 5, 6, 7 and 8 Land mountainous. Soil stony 4th. rate. Timber, cedar. Mountainous land, heavy timber, and dense undergrowth.
80.12 chs.	
	April 30th., 1904.
	May 2nd., 1904.
	At 7a.m. I set off $40^{\circ}25'$ N. on lat arc, $15^{\circ}24'$ N. on dec. arc, and determined a true meridian with the solar, at the cor. of secs 5, 6, 7; and 8. Thence I run, W. on random line bet. secs 6 and 7.
40.00	Set temp. $\frac{1}{2}$ sec. cor.
77.52	Intersect W. bdy of Tp. 28 lks. N. of the cor. of secs. 1, 6, 7 and 12, previously described. Thence I run, N. $89^{\circ}48'$ E. on true line bet. secs 6 and 7. Over rolling land, through heavy cedar timber.

SUBDIVISION OF T 1 S R 2 W. U. S. B. and M.

CHAINS

- 4.50 Leave timber, bears N. and S.
- 13.00 Wide ravine, course S.
- 17.00 Begin steep ascent, enter heavy cedar timber, bears N. and S.
- 25.00 Top of steep ascent, bears N. and S.
- 37.52 Set a cobble stone 15X14X6 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ on N. face, from which, A cedar tree 8 ins. in diam. bears N 61° E 30 lks dist mkd. $\frac{1}{4}$ S 6 B T.
A cedar tree 10 ins. in diam, bears S 71° W. 38 lks dist. mkd. $\frac{1}{4}$ S 7 B T.
- 41.00 Abrupt descent, over E. slope of mountain, bears N. and S.
- 77.52 The cor. of secs. 5, 6, 7 and 8 300 ft. below top.
Land rolling and broken.
Soil stony 4th. rate.
Timber, cedar.
Mountainous land, dense undergrowth and heavy timber.
77.52 chs.
N. $0^{\circ}4'$ W. bet. secs. 5 and 6, over broken mountainous land, through dense scrub cedar.
- 40.00 Set a sandstone 15X15X6 ins. 10 ins. in the ground for $\frac{1}{2}$ sec. cor. mkd. $\frac{1}{4}$ on W. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor..
- 43.00 Ravine 150 ft. below sec. cor, course S E.
Ascend.
- 85.52 Intersect Uintah Special Basē 4.55 chs on E. standard cor. of secs. 31 and 32, Tp 1 N. R 2 W, which is, A trachyte stone 12X10X6 ins. above ground, firmly set and mkd. and witnessed, as described under contract No 266, Harvey D. Heist Deputy Surveyor. Set a cobble stone 15X10X7 ins. 10 ins. in the ground for closing cor. to secs 5 and 6, mkd. CC on S, 1 grooved on W.

SUBDIVISION OF T 1 S R 2 W. U. S. B. and M.

CHAINS

and 5 on E. faces, and raise mound of stone 3 ft. base,
 $1\frac{1}{2}$ ft. high. S. of cor.

Land mountainous.

Soil stony 4th. rate.

Timber, cedar.

Mountainous land and heavy timber. 85.52 chs.

May 2nd., 1904.

GENERAL DESCRIPTION.

This Township is composed of rolling and mountainous land. The western portion is high and broken. The soil is stony and covered with a dense growth of scrubby cedar and artemisia brush. The eastern portion is low and the soil is sandy, and is covered with a scattering growth of dense cedar and artemisia. The Cottonwood Creek which passes through the N. E. portion of the Township, is not a permanent stream. There is no water in the Township which could be used for irrigation or other purposes, and the land is practically valueless for agricultural purposes.

The land however is covered with a scanty growth of grass and white sage brush, and is therefore, excellent winter sheep range.

There are no settlers and no mineral in the Township. The road mentioned in the field notes was made by loggers many years ago, but has since been abandoned, and is now impassable.

George W. Brown
Deputy Surveyor.

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.**LIST OF NAMES.**

A list of the names of the individuals employed by _____

_____, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____

showing the respective capacities in which they acted:

_____, *Chainman*.

For final affidavits see book "V" T. 2 S. R. 2 W. _____, *Chainman*.

_____, *Moundman*.

_____, *Moundman*.

_____, *Axman*.

_____, *Axman*.

_____, *Flagman*.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____

_____, United States Deputy Surveyor, in surveying all those parts or portions of the _____

of the _____

meridian, _____ of _____, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for _____

For final affidavits see book "V" T. 2 S. R. 2 W. _____, *Chainman*.

_____, *Chainman*.

_____, *Moundman*.

_____, *Moundman*.

_____, *Axman*.

_____, *Axman*.

_____, *Flagman*.

Subscribed and sworn to before me this _____
day of _____, 190 _____ }



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyor, solemnly swear that, in pursuance of a contract received from _____, United States Surveyor General for _____, bearing date of _____ day of _____, 190_____, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for _____, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____.

For final affidavits see book "V" T.2 S.R.2 W.

..... of the meridian, in the of which are represented in foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

United States Deputy Surveyor

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 190 }



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, December 20, 190_____.
The foregoing field notes of the survey of the Subdivisional lines of Township No. 1 South, Range No. 2 West of the Uintah Special Base and Meridian, Utah,

executed by George C. Swan and Frederick C. Ferron, their
under his contract No. 278, dated September 10, 1903, having been
critically examined, and the necessary corrections and explanations made, the said field notes, and surveys they describe, are hereby approved.

Edward H. Andrew
United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

United States Surveyor General

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FILED

OCT 26 1904

BOOK A-313

FIELD NOTES

No.
OF THE SURVEY OF THE

Spes^t and Retracement of
East Boundaries
of
Township No. 2 South
Range No. 2 Spes^t

of the Mintak Special Base Meridian,
In the State of Utah.

AS SURVEYED BY

George Swan and Frederick C. Horow., United States Deputy Surveyors
Under his Contract No. 278, dated September 10th, 1903.
Survey commenced May 3rd, 1904
Survey completed May 7th, 1904

6-161

Res W Bdg Lg 4.79-90°
Ref E J Lg 78.38°

NAMES AND DUTIES OF ASSISTANTS.

Alfred J Peterson Chairman

Oliver J Leman "

Louis Justeson Moundman

Lawrence Swan "

Marion Justeson alman

William Longneckel "

Ded C. Heidner flagman

For preliminary affidavits see book "L" T.1 S.R.7 W.

BOOK A-313

INDEX DIAGRAM.

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31	32	33	34	35	36

Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

WE, and

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey

, Chainma

, Chainma

Subscribed and sworn to before me this }
day of , 190 }
.....



WE, and

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey

, Moundma

, Moundma

Subscribed and sworn to before me this }
day of , 190 }
.....



WE, and

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey

, Axma

, Axma

Subscribed and sworn to before me this }
day of , 190 }
.....



I, , do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

, Flagma

Subscribed and sworn to before me this }
day of , 190 }
.....



RESURVEY

WEST. BDY. T. 2 S., R. 2 W., U. S. B. and M.

CHAINS

Survey commenced May 3rd., 1904; and executed with the instrument described in Book "A" of this survey. I examined the adjustments of the transit and find them correct, then to test the solar apparatus by comparing its indications resulting from solar observation made during p.m. and a.m. hours, with the meridian determined by Polaris observation, I proceed as follows:

At the cor. of secs. 25, 30, 31 and 36 on W. bdy. of Tp. which is, a sandstone 12x11x6 ins. above ground, firmly set and mkd and witnessed as described by the Surveyor General,

I set off, $40^{\circ}17'$ N. on lat, arc, $15^{\circ} 48'$ N. on dec. arc, and determine a true meridian with the solar at 5h.p.m., and mark a point thereof on a stone firmly set in the ground, 5 chs. N. of my station.

At 10h 37m p.m. l.m.t. observed Polaris at lower culmination, in accordance w th Instructions in the Manual.

The meridian thus determined falls on a pole set on the mark determined by p.m. observation.

May 3rd., 1904.

May 4th., 1904.

At 7h.a.m. l.m.t I set off,

$40^{\circ}17'$ N. on lat. arc, $15^{\circ}59'$ N. on dec. arc and determined a true meridian with the solar. The meridian thus determined falls on a pole set on the mark determined by p.m. solar and polaris observations. The solar apparatus by p.m. and a.m. hours, defines position for meridian same as by Polaris observation; therefore, I conclude the adjustments of the instrument are correct.

The magnetic bearing of the true meridian at 7h 15m

RESURVEY

WEST BDY OF T.P.S., R. 2 W., U. S. R. AND M.

CHAINS

- a.m. I set off N. 17° E. The angle thus determined gives the magnetic decl. 17° E.
- From the cor. already described, I run, N. on retrace ment line along W. bdy. of Tp. bet secs. 25 and 30.
- 46.00 After diligent search no trace of the old & sec. cor can be found.
- 39.00 I find the old cor. of secs. 19, 24, 25 and 30, which is a sandstone 13X11X6 ins. lying loosely on the ground mkd. as described by the Surveyor General.
- Therefore, I continue my retrace ment, and at 399.90 intersect N. bdy. of Tp. 82.1m. N. of the cor. of Tps. 1 and 2 S., Rgs. 2 and 3 W., previously described. The course of this line is, therefore S. $0^{\circ}7'$ W.
- As many of the corners are totally obliterated, and others in bad condition, I resurvey the W. bdy. of Tp. as follows:
- May 4th., 1904.
-
- May 5th., 1904,
- At 7a.m. I set off, $40^{\circ}21'$ N. on lat. arc, $16^{\circ}16'$ N. on sec. arc, and determined a true meridian with the solar, at the cor. of Tps. 1 and 2 S., Rgs. 2 and 3 W.,
- Thence I ran,
- S. $0^{\circ}7'$ W. on re-survey line, along W. bdy. of Tp. bet. secs. 1 and 6.
- Second over broken land on sandstone ledge, through scattering cedar.
- 12.00 Dry run, course S. 7'.
- Ansonia.
- Spur, projects E.
- Bogard.
- 39.00 After diligent search no trace of the old & sec. cor.

RESURVEY

WEST BDY. OF T 2 S., R 2 W., U. S. B. and M.

CHAINS

can be found. Set a cobble stone 15X10X5 ins. 10 ins. in the ground for re-established $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{2}$ on W. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.

79.90 The old cor. of secs. 1, 6, 7 and 12, which is a sandstone partially dis-integrated, 15X6X5 ins. above ground. I destroy same and set a sandstone 18X10X8 ins 12 ins. in the ground for re-established cor. of secs. 1, 6, 7 and 12, mkd. 1 notch on N. and 5 on S. edges, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.

Land broken.

Soil stony, 4th. rate.

Timber, cedar.

Mountainous land. 79.90 chs.

S. $0^{\circ}7'$ W. bet. secs. 7 and 12.

Descend over broken stony land through scattering scrubby cedar timber.

3.25 Dry run, course S W.

Ascend.

52.00 Sandstone ledges, 10 ft. high, bears E and W.

40.00 After diligent search no trace of the old $\frac{1}{4}$ sec. cor. can be found. Set a sandstone 18X10X5 ins. 12 ins. in the ground for re-established $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{2}$ on W. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.

71.00 High rocky point, projects E.

Descend over broken ledges.

78.00 Foot of ledges, 250 ft. high, bear N W and S E.

80.00 No trace of the old sec. cor. can be found, set a sandstone 18X8X8 ins. 12 ins. in the ground for re-established cor. of secs. 7, 12, 13 and 18, mkd. 2 notches on the N. and 4 on S. edges, from which,

RESURVEY OF

WEST BDY. OF T 2 S., R 2 W., U. S. B. and M.

CHAINS	
	A cedar tree 8 ins. in diam. bears N. 71° E. 41 lks. dist., mkd. T 2 S R 2 W S 7 B T.
	A cedar tree 14 ins. in diam. bears S. 66° E. 31 lks dist. mkd. T 2 S R 2 W S 18 B T.
	A cedar tree 8 ins. in diam. bears S. 12° W. 24 lks. dist. mkd. T 2 S R 3 W S 13 B T.
	A cedar tree 8 ins. in diam. bears N. 86° W. 43 lks. dist. mkd. T 2 S R 3 W S 12 B T.
	Land mountainous.
	Soil sandy and stony 4th. rate.
	Timber, cedar.
	Mountainous land. 80.00 chs.
	S. $0^{\circ} 7'$ W. lot. secs. 13 and 18, over sandy bottom land through scrubby cedar and dense Artemesia. ✓
5.75	Dry Gulch Creek, 15 lks. wide, course S E.
	Ascend gradually.
18.50	Old road, bears N W and S E.
26.75	Leave bottom, ascend over broken land and sandstone ledges, bears N W and S E.
29.00	Spur, projects S E.
	Descend.
36.50	Dry run, course N. 70° E.
	Ascend.
39.00	Dry run, course N.E.
40.00	After diligent search no trace of the old $\frac{1}{4}$ sec. cor can be found. Set a sandstone 15X12X4. ins 10 ins. in the ground for re-established $\frac{1}{4}$ se . cor. mkd. $\frac{1}{4}$ on W. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
45.00	Spur, projects W.
	Descend through heavy cedar timber.
55.00	Leave ledges, bear E and W.
80.00	Near top of spur, bears E and W.

RE-SURVEY OF

WEST BDY! OF T 2 S., R 2 W., U. S. B. and M.

CHAINS	<p>After diligent search no trace of the old sec. cor can be found. Set a sandstone 18X14X4 ins. 12 ins. in the ground for re-established cor. of secs. 13, 18, 19 and 24, mkd. with 3 notches on N. and S. edges, from which, A cedar tree 10 ins. in diam. bears N $42\frac{1}{2}$° E, 51 lks dist mkd. T 2 S R 2 W S 18 B T.</p> <p>A cedar tree 10 ins. in diam. bears N. 61° W. 18 lks dist. mkd T 2 S R 3 W S 13 B T.</p> <p>No other suitable bearing trees within limit, raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.</p> <p>Land mountainous.</p> <p>Soil stony, 4th. rate.</p> <p>Timber, cedar.</p> <p>Mountainous land, dense undergrowth. 80.00 chs.</p> <hr/> <p>S. $0^{\circ}7'$ W. bet. secs 19 and 24, descending over broken sandstone ledges and boulders, through scrubby cedar.</p>
7.00	Ravine 250 ft. deep, course E.
	Ascend.
18.00	Spur, projects E.
	Descend.
22.00	Leave ledges, bear E and W.
	Enter dense Artimeza.
24.00	Hollow, course E.
	Ascend.
40.00	After diligent search no trace of the old $\frac{1}{4}$ sec. cor can be found. Set a sandstone 15X9X6 ins. 10 ins. in the ground for re-established $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{2}$ on W. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
80.00	The old cor. of secs. 19, 24, 25 and 30, which is a sandstone partially disintegrated, lying loosely on the ground. Set a sandstone 18X12X4 ins. 12 ins. in the ground for re-established cor. of secs 19, 24, 25 and 30,

RESURVEY OF

WEST EDY. OF T 2 S., R 2 W., U. S. B. and M.

CHAINS

mkd. 4 notches on N. and 2 notches on S. edges, from which,

A cedar tree 10 ins. in diam. bears S. 67° E. 37 lks. dist, mkd. T 2 S R 2 W S 30 B T.

No other bearing trees within limit, raise mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W of cor.

Land mountainous.

Soil stony and sandy, 3rd. and 4th. rate.

Timber, cedar.

Mountainous land. 80.00 chs,

S. $0^{\circ}7'$ W. bet. secs. 25 and 30

Ascending over sandy land through dense Artemesia and scrubby cedar.

11.00 Descend over broken sandstone ledges, bear E and W.

40.00 Near foot of ledges, 350 ft. high, bears E and W.

After diligent search no trace of the old $\frac{1}{4}$ sec. cor. can be found. Set a sandstone 20X12X6 ins. 15 ins. in the ground for re-established $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{4}$ on W. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.

Over rolling sandy land.

42.70 Old road, bears E and W.

61.50 Wash, 6 ft. wide and 2 ft. deep, course E., in hollow.

67.00 Dry run, course E., in hollow.

80.00 The cor. of secs 25, 30, 31 and 36, previously described
Land rolling and broken.

Soil sandy and stony, 3rd. and 4th. rate.

Timber, cedar.

Mountainous land and dense undergrowth. 80.00 chs.

May 5th., 1904.

At this cor. I set off,

$16^{\circ}19'$ N. on dec. arc, and at 11h 57m a.m. l.m.t.
observed the sun on the meridian. The resulting lat. is

RESURVEY OF WEST BOUNDARY OF T.2 S., R.2 W., U.S.B.&M.

CHAINS

40°17'N.

RETRACEMENT OF

EAST BDY. OF T.2 S., R.2 W., U.S.B.& M.

May 7th., 1904, at 3h. p.m. l.m.t. I set off 40°20'N. on lat. arc., $16^{\circ}54'N.$ on decl. arc, and determine a true meridian with the solar, at the cor. of secs. 1-6-7 and 12, on E. bdv. of Tp., which is a sandstone 9x9x5 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General.

Thence I run,

- 40.00 N. on retracement line, bet. secs. 1 and 6
After diligent search, no trace of the $\frac{1}{4}$ sec. cor. can be found.
- 78.38 I find the cor. of Tps. 1 and 2 S., Rgs. 1 and 2 W., which is a sandstone 15x9x6 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General, 2 lks. W. The course of this line is therefore, N.0°01'W.

May 7th., 1904.

BOUNDARIES OF TOWNSHIP 2 S.R.2.W.U.S.B.& M.

Line Designated	Latitude, Departures, and Closing Errors.					
	True Bearing	Distance chs.	Latitude U chs.	Latitude S chs.	Departure E chs.	Departure W chs.
W. Bdy.	N.0°07'E.	399.90	399.90		.82	
N. "	N.89°52'E.	318.10	.75		318.10	
" "	East	160.00			160.00	
E. "	S.0°01'E.	78.38		78.38	.02	
" "	South	80.00		80.00		
Bet. Secs. 12-13	N.89°58'W.	80.08	.05			80.08
" " 13-14	South	80.36		80.36		
" " 23-34	South	80.58		80.58		
" " 23-36	S.89°54'W.	79.98		.14	79.98	
" " 26-37	S.0°02'E.	79.80		79.80	.05	
" " 27-34	S.89°58'W.	80.20		.19	80.20	
" " 28-33	S.89°54'W.	80.10		.14	80.10	
" " 29-32	West	79.95			79.95	
" " 30-31	N.89°57'W.	78.84	.07		78.84	
Convergency					.44	
Totals			400.77	399.59	479.43	473.15
			<u>399.59</u>		<u>479.15</u>	
Error in latitude and departure.			.18		.28	

George G. Swan
U.S. Deputy Surveyor.

For general description see subdivision of this Tp.

Note:

There being no notary public, or other officer authorized to administer oaths, at the beginning or ending of this survey; therefore, in order to save time and expense, I administer the preliminary and final oaths myself.

George G. Swan
U.S. Deputy Surveyor.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by George C. Swan

, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of W. H. Ide, P.S.R. 377.
dy P.S.R. 2 W. 1st S. 1st E., R. 2 S. R. 27th Merid. of Eddy P.S.R. 7 W. 3rd part of the line of the
through R. 7th of the Mental special base and meridian, Illino.
owing the respective capacities in which they acted:

Alfred J. Peterson Chairman.

Oliver W. Leonard Chairman.
Chairman.

Louis Frostison, Moundman.

Lawrence Swain Moundman.

Marion Justison, Axman.

William, Long-necked Axman.

Fred E. Pendner. , Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted George C. Swan

, United States Deputy Surveyor, in surveying all

ose parts or portions of the W.E. bdy. P.1.S.R.3 Y., E. bdy. P.1.S.R.2 Y., ang C. 3 Y. W bdy. S
S.R.2 Y. as replacement of E. bdy. P.1.S.R.1 Y. and part of the initial special
use line through P.1.Y.

of the United
Serial Base and meridian, State of Utah, which are represented
the foregoing field notes as having been surveyed by him and under his direction; and that said survey
as been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the
corner monuments established, according to the instructions furnished by the United States Surveyor
General for Utah.

Alfred J. Peterson, Chairman.

Oliver W. Lennar, Chairman.

Louis Jubbaton, Moundman.

Lawrence Swan, Moundn

Marion Justeson x, Axman.

William Zorganecker, Axman.

Fred E. Wiedner, Flagman.

Subscribed and sworn to before me this 18th

day of May, 1890.

A circular library seal featuring a decorative border of small crosses or dots surrounding the word "SEAL" in the center.

George W. Bruce

P. S. Deputy Surveyor.

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, George C. Swan, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Edward H. Anderson, United States Surveyor General for Utah, bearing date of the 10th day of September, 1903, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the retracement of E.bdy. T.1 S.R.7 W.; part of Uintah Special Base through R.7 W.; Retracement and resurvey of E.bdy. of T.1 S.R.2 W.; resurvey of south and retracement of W.bdy. T.1 S.R.3 W.; and retracement of E. and resurvey of W.bdy. of T.2 S.R.2 W. of the Uintah Special Base and ^{in books L.M.Q. and T.} meridian in the State of Utah, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such surveys; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

United States Deputy Surveyor.

Subscribed by said George C. Swan, and sworn to before me }
this 13th day of December, 1904

U.S. Surveyor-General

for Utah.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, December 20, 1904.

The foregoing field notes of the ^{re} survey of West, and Retracement of East Boundaries of Township No. 2 South, Range No. 2 West of the Uintah Special Base and Meridian, Utah.

executed by George C. Swan and Frederick C. Ferron
under their contract No. 278, dated September 10, 1903, MX, having been
critically examined, and the necessary corrections and explanations made, the said field notes, and the
resurveys and retracements

United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in ..., has been correctly copied from the original notes on file in this office.

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BOOK A-313

U.

W.H.

FIELD NOTES

RETRACEMENT AND RE-
OF THE SURVEY OF THE

N.W.

Subdivision

of
Township No 2 South
Range No. 7 West

of the Mintak Special Baseline Meridian,
In the State of Oklahoma

AS SURVEYED BY

George C. Sawyer & Frederick G. Heron, United States Deputy Surveyors,
under his Contract No. 778, dated September 10th, 1903,
Survey commenced May 3rd, 1904
Survey completed May 7th, 1904

Signed J. J. S. 81

NAMES AND DUTIES OF ASSISTANTS.

Alfred J. Peterson, Chairman

Oliver G. Lomas "

Louis Justeson moundsman

Lawrence Swan "

Marion Justeson admn

William Longnecker "

Fred C. Neidert flagman

For preliminary affidavits see book "R. T. I. S. R. 2. W."

BOOK A-313

INDEX DIAGRAM.

Township..... Range.....

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26	29	28	27	26	25
31	32	33	34	35	36

Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, _____ and _____
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

_____, Chainman.

_____, Chainman.

Subscribed and sworn to before me this _____ }
day of _____, 190 }



WE, _____ and _____
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

_____, Moundman.

_____, Moundman.

Subscribed and sworn to before me this _____ }
day of _____, 190 }



WE, _____ and _____
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

_____, Axman.

_____, Axman.

Subscribed and sworn to before me this _____ }
day of _____, 190 }



I, _____, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

_____, Flagman.

Subscribed and sworn to before me this _____ }
day of _____, 190 }



RETRACEMENT OF SUBDIVISION OF T.2 S.R.2 W.U.S.E.AND M.

Chains

Survey commenced May 5, 1904, and executed with the instrument described in book "A" of this survey.

I know the instrument to be in adjustment from recent tests made at the cor. of secs. 25, 30, 31, and 36 on W.bdy. of Tp., and recorded in book "3" of this survey, May 3d and 4th.

At 2 h:p.m.l.m.t. I set off $40^{\circ}17'N.$ on lat.arc; $16^{\circ}20'N.$ on decl.arc; and determine a true meridian with the solar at the cor. of secs. 25, 30, 31, and 36 on W.bdy. of Tp. herefore described.

Preliminary to commencing the subdivision of this Tp. I retrace subdivision lines as follows:

From the above described cor. I run

$S.89^{\circ}51'E.$ on blank line bet. secs. 30 and 31

38.17 After diligent search no trace of the old $\frac{1}{4}$ sec.cor. can be found.

78.84 I find the cor. of secs. 29, 30, 31, and 32, which is a sandstone $14 \times 12 \times 6$ ins. lying loose on the ground, marked as described by the surveyor general, S. 14 lks. I set a sandstone $18 \times 12 \times 10$ ins. 12 ins. in the ground for reestablished cor. of secs. 29, 30, 31, and 32, marked 1 notch on S. and 5 notches on E. edge; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.

The course of this line is therefore $N.89^{\circ}57'W.$

$S.89^{\circ}56'E.$ on blank line bet. secs. 29 and 32

40.12 After diligent search no trace of the old $\frac{1}{4}$ sec.cor. can be found.

79.95 I find the cor. of secs. 28, 29, 32 and 33, which is a disintegrated sandstone $6 \times 6 \times 6$ ins. above ground N.. 9-lks. The marks being obliterated, I set a sandstone $15 \times 8 \times 6$ ins. 10 ins. in the ground for reestablished cor. of secs. 28, 29, 32, and 33, marked 1 notch on S. and 4 notches on E. edge; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.

RETRACEMENT OF SUBDIVISION OF T.2 S.R.2 W.U.S.B.AND M.

Chains. The course of this line is therefore W.

N.89°51'E.on blank line bet.secs.28 and 33

40.16 After diligent search no trace of the old $\frac{1}{4}$ sec.cor. can be found.

80.10 I find the cor.of secs.27,28,33, and 34, which is a sandstone 10x10x6 ins.above ground,firmlly set and marked as described by the surveyor general S.17 lks.;the course of this line is therefore S.89°54'W..

N.89°54'E.on blank line bet.secs.27 and 34

40.02 After diligent search no trace of the old $\frac{1}{4}$ sec.cor. can be found.

80.20 I find the cor.of secs.26,27,34, and 35, which is a sandstone 8x8x6 ins.firmlly set and marked as described by the surveyor general N.5 lks.dist. The course of this line is therefore S.89°52'W..

May 5,1904.

May 6: At 7 h.0 m.a.m.l.m.t.I set off 40°17'N.on lat. arc;16°33'N.on decl.arc;and determine a true meridian with the solar at the cor.of secs.26,27,34, and 35.

Thence I run

North on blank line bet.secs.26 and 27

39.80 I find the old $\frac{1}{4}$ sec.cor., which is a sandstone 10x6x6 ins.above ground,firmlly set and marked as described by the surveyor general W.2 lks.

79.80 I find the cor.of secs.22,23,26, and 27, which is a sandstone 10x9x4 ins.above ground,firmlly set and marked as described by the surveyor general W.5 lks. dist. I further witness this cor.as follows:

A cedar 6 rings.diam.bears S.87°E.118 lks.dist.

marked T 2 S R 2'W S 26 B T

RETRACEMENT OF SUBDIVISION OF T.2 S.R.2 W:U.S.B.and M.

Chains. A cedar 12 ins.diam.bears. S.13°30'W;122 lks.dist.
marked T 2 S R 2 W S 27 B T
No other suitable bearing trees within limit;raise a
mound of stone 2 ft.base 1½ ft.high W.of cor.
The course of this line is,therefore,N.0°02'W.

N.89°45'E.on blank line bet.secs.23 and 26
39.90 I find the old $\frac{1}{4}$ sec.cor.,which is a sandstone 8x5x5.
ins.above ground,firmlly set and marked as described by
the surveyor general N.10 lks.dist.
79.98 I find the cor.of secs.23,24,25, and 26,which is a sand-
stone 10x6x5 ins.above ground,firmlly set and marked as
ddscribed by the surveyor general S.20 lks.dist.
The course of this line is therefore S.89°54'W.

North on blank line bet.secs.23 and 24
40.00 Find no trace of the old $\frac{1}{4}$ sec.cor.
80.58 Intersect cor.of secs.13,14,23, and 24,which is a sand-
stone 9x7x6 ins.above ground,firmlly set and marked as
described by the surveyor general.

North on blank line bet.secs.13 and 14
40.00 After diligent search no trace of the old $\frac{1}{4}$ sec.cor.found.
80.36 Intersect cor.of secs.11,12,13, and 14,which is a sand-
stone 10x8x5 ins.above ground,firmlly set and marked as
described by the surveyor general.

S.89°42'E.on a blank line bet.secs.12 and 13
40.04 I find the old $\frac{1}{4}$ sec.cor.,which is a sandstone 5x10x5
ins.above ground,firmlly set and marked as described by
the surveyor general,N.18 lks.dist.
80.08 I find the cor.of secs.7,12,13, and 18,which is a sand-

RETRACEMENT OF SUBDIVISION OF T.2 S.W.R.2 W.U.S.B.& M.

Chains. stone 10x8x5 ins. above ground firmly set and marked as described by the surveyor general N.38 lks.dist. The course of this line is therefore S.89°58'E.

Having retraced that portion of the subdivision of this township upon which the work depends, and finding many of the corners missing or not properly witnessed, I retrace survey the lines as follows:

I begin at the cor.of secs.11,12,13, and 14 above described, which I further witness by raising a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high E.of cor., as new survey will not close on this cor.within limit.

Thence I run

South on resurvey line bet.secs.13 and 14
Descending over broken land through dense artemisia.

6.00 Ravine 100 ft. below sec.cor., course E.; ascend.

40.18 No trace of old $\frac{1}{4}$ sec.cor.can be found,

Set a sandstone 12x10x6 ins.8 ins.in the ground for established $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ on W.face; dig pits 18x18x12 ins.N. and S.of stone 3 ft.dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high W.of cor.

80.36 The cor.of secs.13,14,23, and 24, heretofore described.

To further witness the cor.;dig pits 18x18x12 ins.in each sec. $5\frac{1}{2}$ ft.dist.; and raise a mound of earth 4 ft. base 2 ft. high W.of cor.

Land broken and rolling.

Soil sandy, 3d rate.

No timber.

Dense undergrowth 80.36 chs.

South on resurvey line bet.secs.23 and 24
over broken land;through dense artemisia.

40.29 After diligent search no trace of the old $\frac{1}{4}$ sec.cor.can be found. Set a sandstone 12x12x8 ins.,8 ins.in the

RE-SURVEY OF

SUBDIVISION OF T 2 S., R 2 W., U. S. B. and M.

CHAINS	ground for reestablished $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ on W.face and dig pits 18X18X12 ins. N, and S.of stone 3 ft. dist and raise mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high W. of cor.
80.58	The cor. of secs. 23, 24, 25 and 26 previously described and raise mound of stone 3 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land rolling. Soil sandy. 3rd. rate. No timber. Dense undergrowth. 80.58 chs.
	S. $89^{\circ}54'$ W. on re-survey line bet. secs 23 and 26. Over rolling land through dense artemisia.
40.08	The old $\frac{1}{4}$ sec. cor. previously described. Dig pits 18 X18X12 ins. E. and W.of stone 3 ft. dist, and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.
79.98	The cor. of secs. 22, 23, 26 and 27 previously described and newly witnessed. Land rolling. Soil sandy, 3rd. rate. No timber. Dense undergrowth. 79.98 chs.
	S. $0^{\circ}2'$ E. on re-survey line bet. secs. 26 and 27. Descend over broken land through dense cedar and artemisia.
16.00	Hollow; course E. Ascend.
27.00	Sand ridge, bears N W and S E. Descend.
40.00	The old $\frac{1}{4}$ sec. cor, previously described, from which, A cedar tree 3 ins. in diam. bears S 35° E. 13 lks dist mkd. $\frac{1}{4}$ S 26 B T.

RESURVEY OF

SUBDIVISION OF T 2 S R 2 W., U. S. B. and M.

CHAINS

A cedar tree 3 ins. in diam. bears N. 55° W. 18 lks. dis
mkd. $\frac{1}{4}$ S 27 B T.

41.50 Descend over broken sandstone ledges, bears E and W.

50.50 Leave sandstone ledges bear N W ad S E.
Over rolling land 200 ft. below ledges.

55.60 Old road, bears N W and S E.

79.80 The old cor. of secs 26, 27, 34 and 35, previously
described, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft.
high W. of cor.
Land broken.
Soil sandy and stony, 3rd. and 4th. rate.
Timber, cedar.
Mountainous land, or land covered with dense undergrowth
79.80 chs.
May 6th., 1904, cloud obscures the sun, can take no ob-
servation for lat. this day.

May 6th., 1904.

May 7th., 1904.

At 7ha.m. I set off $40^{\circ} 17'$ N. on lat. arc.
 $16^{\circ} 49'$ N. on decl. arc and determined a true meridian
with the solar, at the cor. of secs. 26, 27, 34 and 35
previously described.

Thence I run,

S. $89^{\circ} 53'$ W. on re-survey line, bet. secs. 27 and 34
Over rolling land through dense artemisia.

40.10 After diligent search no trace of the old $\frac{1}{4}$ sec. cor
can be found. Set a sandstone 15X10X6 ins. 10 ins. in
the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ on N. face, and dig
pits 18X18X12ins. and W. of stone 3 ft. dist, and raise
mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high N. of cor.

54.00 Dry Gulch Creek 15 lks. wide, course S 60° E.

64.50 Old road, bears N W and S E.

80.20 The cor. of secs. 27, 28, 33 and 34, previously described

RESURVEY OF

SUBDIVISION OF T 2 S., R 2 W., S. S. B. and M.

CHAINS.

and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.

Land rolling.

Soil sandy, 2nd. and 3rd. rate.

No timber.

Land covered with dense undergrowth on 80.20 chs.

S. $89^{\circ}54'$ W. on re-survey line bet. secs 28 and 33.

Over rolling land, through dense artemisia.

40.05 After diligent search no trace of the old $\frac{1}{4}$ sec. cor. can be found. Set a cobble stone 16X8X6 in. 11 ins. in the ground for re-established $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ on N. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.

80.10 The cor. of secs. 28, 29, 32 and 33, previously described
Land rolling.

Soil sandy. 2nd. and 3rd. rate.

No timber.

Land covered with dense undergrowth on 80.10 chs.

W. on re-survey line bet. secs. 29 and 32, over rolling land through dense artemisia.

59.97 After diligent search no trace of the old $\frac{1}{2}$ sec. cor. can be found. Set a sandstone 15X8X6 ins. 10 ins. in the ground for re-established $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ on N. face, and dig pits 18X18X12 ins. E and W. of stone 3 ft dist, raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft high N. of cor.

65.00 Wash, course S E.

79.95 The cor. of secs. 29, 30, 31 and 32, previously described
Land rolling.

Soil sandy 2nd. and 3rd. rate.

No timber.

Land covered with dense undergrowth on 79.95 chs.

RE-SURVEY OF
SUBDIVISION OF T 2 S R 2 W., U. S. B. and M.

CHAINS.

- W. $89^{\circ}57'$ W. on re-survey line bet. secs 30 and 31,
over rolling land, through dense Artimea.
- 40.35 After diligent search no trace of the old $\frac{1}{4}$ sec. cor.
can be found. At proportional distance
S. E. of cor. Set a sandstone 16X12X10 ins. 11 ins.
in the ground for re-established $\frac{1}{4}$ sec. cor; mkd. $\frac{1}{4}$
on N. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft.
high N. of cor.
- 78.84 The cor. of secs. 25, 30, 31 and 36, previously described.
Land rolling.
Soil sandy 2nd. and 3rd. rate.
No timber.
Dense undergrowth. 78.84 chs.
Cloud obscures the sun, can take no observation for lat.
this day.

May 7th., 1904.

For general description see subdivisions of this
Township.

George C. Swan
U.S. Deputy Surveyor.

Note:

There being no notary public or other officer au-
thorized to administer oaths, at the beginning or ending of
of this survey; therefore, in order to save time and ex-
pense I administer the preliminary and final oaths my-
self.

George C. Swan
U.S. Deputy Surveyor.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by George C. Swan, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of Subdivision of Twp. 1st S., R. 2nd W., Uintah Special Base and Meridian, state of Utah, following the respective capacities in which they acted:

Alfred J. Peterson, Chainman.
Oliver W. Lemos, Chainman.
Louis Justison, Moundman.
Lawrence Swan, Moundman.
Mariion Justison, Axman.
William Longanecker, Axman.
Frederick C. Weidner, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted George C. Swan

, United States Deputy Surveyor, in surveying all those parts or portions of the Subdivision of Twp. 1st S., R. 2nd W., Uintah Special Base and Meridian, state of Utah,

which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Utah.

Alfred J. Peterson, Chainman.
Oliver W. Lemos, Chainman.
Louis Justison, Moundman.
Lawrence Swan, Moundman.
Mariion Justison, Axman.
William Longanecker, Axman.
Frederick C. Weidner, Flagman.

scribed and sworn to before me this 18th day of May, 1894. }



George C. Swan
U. S. Deputy Surveyor

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, George G. Swan, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Edward H. Anderson, United States Surveyor General for Utah, bearing date of the 10th day of September, 1903, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the subdivisional lines of Township No. 1 and 2 South, Range 2 West.

...Base and meridian in the State of Utah, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Utah, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

George G. Swan

United States Deputy Surveyor.

Subscribed by said George G. Swan, and sworn to before me,

this 13th day of December, 1904,

Edward H. Anderson

U.S. Surveyor-General

for Utah

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, December 20, 1904

The foregoing field notes of the survey of Retracement and Resurvey of the Subdivisional line of Township No. 2 South, Range No. 2 West of the Uintah Special Base and Meridian, Utah

executed by George G. Swan and Frederick C. Ferron,
under his contract No. 278, dated September 10, 1903, having been
critically examined, and the necessary corrections and explanations made, the said field notes, and the
retracements and resurveys they describe, are hereby approved.

Edward H. Anderson

United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in.....
..... has been correctly copied from the original notes on file in this office.

United States Surveyor General.

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BOOK A-313

FIELD NOTES

OF THE SURVEY OF THE

Subdivision

of
 Township No. 2 South
 Range no. 2 West

of the Uintah Special Base and Meridian,
 In the State of Utah.

AS SURVEYED BY

John C. Swan and Frederick C. Duron, United States Deputy Surveyors,
 under their Contract No. 278, dated September 10th, 1903,

Survey commenced May 7th, 1904,

Survey completed May 17th, 1904.

6-161

High 40-75-27
 City 8-3-21

NAMES AND DUTIES OF ASSISTANTS.

Alfred J. Peterson. Chairman

Oliver F. Lemos "

Samuel Justison. Moundman

Lawrence Swan "

Marvin Justison. Adjman

William Longwicked

Dub C. Fieldner. flagman

For preliminary affidavits see book EXH.T. 1 S.R.7.W.

BOOK A-313

INDEX DIAGRAM.

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Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

WE, _____ and _____

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of _____

, Chainman.

, Chainman.

Subscribed and sworn to before me this _____
day of _____, 190 _____ }



WE, _____ and _____

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of _____

, Moundman.

, Moundman.

Subscribed and sworn to before me this _____
day of _____, 190 _____ }



WE, _____ and _____

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of _____

, Axman.

, Axman.

Subscribed and sworn to before me this _____
day of _____, 190 _____ }



I, _____, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of _____

, Flagman.

Subscribed and sworn to before me this _____
day of _____, 190 _____ }



SUBDIVISION OF T 2 S. R 2 W.U. S. B. and M.

CHAINS

The survey commenced May 7th., 1904, and executed with the instrument described in Book "A" of this survey. I examined the adjustments of the transit, and find them correct; Then to test the solar apparatus by comparing its indications resulting from solar observations made during p.m. and a.m. hours with a meridian determined by Polaris observations, I proceed as follows:

At the cor. of secs. 22, 23, 26 and 27, previously described, I set off $40^{\circ}18'$ N. on lat. arc, $16^{\circ}56'$ N. ob sec. arc, and at 5 p.m. l.m.t. determined a true meridian with the solar, and mkd. a point thereof on a stone firmly set in the ground 5 chs. N. of my station.

At 10h 22m P.M. observed Polaris at lower culmination in accordance with Manual of Instructions. The meridian thus determined falls on a pole set on the mark determined by p.m. solar observation.

May 7th., 1904.

May 9th., 1904.

At 7 a.m. lmt. I set off $40^{\circ}18'$ N. on lat. arc, $17^{\circ}22'$ N. on sec. arc, and determined a true meridian with the solar. The meridian thus determined falls on a pole set on a mark determined by p.m. solar and Polaris observation.

The solar apparatus at p.m. and a.m. hours defines position for meridian same as polaris observations; therefore I conclude the adjustments of the instrument are correct.

The magnetic bearing of the true meridian at 7h 15m a.m. l.m.t. is N 17° W. The angle thus determined gives the magnetic decl. 17° E.

, Knowing from retracement that lines extending N. in a regular manner from the old established cor. of secs. 11, 12, 13 and 14 will not conform to the new

SUBDIVISION OF T 2 S. R 2 W. U. S. B. and M.

CHAINS

survey and close upon the old work within limit,
I begin,

At the cor. of secs. 22, 23, 26 and 27, previously
described, and run N. $0^{\circ}2'$ W. bet secs. 22 and 23.

Ascending over broken land, and scattering cedar timber.

21.00 Top of sandstone ledges, bear E. and W.

40.00 Set a sandstone 24X18X5 ins. 18 in. in the ground for
 $\frac{1}{2}$ sec. cor, mkd. $\frac{1}{4}$ on W. face, from which,
A cedar tree 6 ins. in diam. bears N. $72^{\circ}7'$. 64 lks. dist
mkd. $\frac{1}{4}$ S 22 + T.

No other bearing trees within limit, raise mound of
stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.

Descend.

44.00 Enter heavy cedar timber, bears E. and W.

67.75 Dry run, course E.

Ascend through scattering cedar.

68.60 Alkali spring, course S E.

80.00 Falls on sandstone ledge 20X10X15 ft. above ground, mkd.
cross(X) at exact point for cor. of secs. 14, 15, 22 and
23, with 2 grooves on E and 3 on S sides of cross.

From which,

A cedar tree 18 ins. in diam. bears N 59° E. 26
lks dist, mkd. T 2 S : 2 W S 14 B T.

A cedar tree 12 ins. in diam. bears S $63\frac{1}{2}$ E. 98 lks
dist. mkd. T 2 S R 2 W S 22 B T.

A point on a ledge, bears N $57\frac{1}{2}$ W 29 lks. dist, mkd
T 2 S R 2 W S 15 B O

No other bearing objects within limit, raise mound of
stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Cor. is 200
ft. below $\frac{1}{4}$ sec. cor.

Land broken.

Soil sandy, 3rd. and 4th. rate.

Timber, cedar.

Mountainous land on 80.00 chs., 100% eng.

SUBDIVISION OF T 2 S. R 2 E. U. S. G. and M.

CHAINS

Knowing that line bet. secs 14 and 23 will not close upon the old cor. of secs. 13, 14, 23 and 24, I run P. on true line bet. secs 14 and 23, along S. slope of hill, through heavy cedar timber.

15.00 Ledges, bear N. and S.

36.00 Over point, projects E.

40.00 Set a sandstone 20X10X4 ins. 15 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ on N. face, from which, A cedar tree 20 ins. in diam. bears N. 31° E 31 lks. dist. mkd. $\frac{1}{4}$ S 14 B T.

A cedar tree 16 ins. in diam. bears S 3° E. 40 lks. dist mkd. $\frac{1}{4}$ S 23 B T.

50.00 Sandstone ledges, bear N. and S.

70.00 Leave timber, bears N W and S E.

80.00 Intersect N. and S. line 65 lks. S. of the old cor. of secs. 13, 14, 23 and 24, on which I destroy all marks pertaining to secs. 14 and 23 , which have previously been described.

Set a sandstone 15X8X6 in . 10 ins. in the ground for closing cor. to secs. 14 and 23, mkd. C C on W. with 1 groove on E. and 3 grooves on S. faces, and dig pits 24X18X12 ins. crosswise on each line, N. and S. 3 ft. and W. 7 ft. dist, and raise mound of earth 4 ft. base 2 ft. high W. of cor.

Land broken.

Soil stony and sandy 3rd. ana 4 th. rate.

Timber, cedar.

Mountainous land on 80.00 chs.

N. $0^{\circ}02'3$. bet. secs 14 and 15.

Ascend over broken land through heavy cedar timber.

1.50 Sandstone ledges 25 ft. high, bear E. and W.

30.00 Scattering cedar timber.

40.00 Set a sandstone 20X10X6 ins. 15 ins. in the ground for

SUBDIVISION OF T 2 S. R 2 W. U. S. B. and M.

CHAINS	<p>$\frac{1}{2}$ sec. cor, mkd. $\frac{1}{4}$ on W. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Descend.</p>
59.00	Hollow; course E.
76.50	Sandstone ledges 20 ft. high, bear E. and W.
78.00	Dry rain, course E. Ascend.
80.00	Set a sandstone 15X12X8 ins. 10 ins. in the ground for cor. of secs. 10, 11, 14 and 15, mkd. with 2 notches on the E. and 4 on S. edges, from which, A cedar tree 8 ins. in diam bears N 72° E 60 lbs. dist. mkd. T 2 S R 2 W S 11 B T. No other bearing trees within limit, raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land broken. Soil sandy and stony, 3rd. and 4th. rate. Timber, cedar. Mountainous land on 80.00 chs.
	E. on random line bet. secs 11 and 14.
40.00	Set temp. $\frac{1}{2}$ sec. cor.
80.17	Intersect N. and S. line 1.06 chs S. of the cor. of secs 11, 12, 13 and 14, previously described. Obliterate all marks pertaining to secs. 11 and 14. and at point of intersection set a sandstone 18X12X4 ins. 12 ins. in the ground for closing cor. to secs 11 and 14, mkd. C C on W, with 1 groove on E and 4 on S. faces, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft high W. of cor. Thence I run,
	W. on true line bet. secs 11 and 14, ascending over broken land through scattering cedar and dense sage brush.
5.50	Spur, 30 ft. high, projects S. Descend through heavy cedar timber.
38.00	Sandstone ledges, N. and S.

SUBDIVISION OF T. 2 S. R. 2 W. U. S. B. and M.

CHAINS

- 40.08 Set a sandstone 20X10X4 ins. 15 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ on N. face, from which,
A cedar tree 12 ins. in diam. bears N. $9^{\circ}E$ 13 lks. dist
mkd. $\frac{1}{4}$ S 11 B T.
A cedar tree 6 ins. in diam. bears S $9^{\circ}W$. 45 lks dist
mkd. $\frac{1}{4}$ S 14 B T.
- 53.00 Sandstone led ge, bears N and S W. Leave timber.
- 55.50 Sandstone ledge 30 ft. high, bears N W and S E.
- 80.17 The cor of secs. 10, 11, 14 and 15.
Land broken.
Soil sandy and stony, 3rd. and 4th. rate.
Timber, cedar.
Mountainous land; heavy timber, or dense undergrowth.
80.17 chs.
May 9th., 1904. I set off $17^{\circ}24'$ N. on dec. arc and at
11 h 56m a.m. l.m.t. observed the sun on the meridian.
The resulting lat. is $40^{\circ}19'$ N.

N. $0^{\circ}02'W$. bet. secs. 10 and 11.

Ascending over broken land and scattering cedar timber,
and dense artemisia.

- 6.00 Sandstone ledges, bear N. and W.
- 40.00 Set a sandstone 15X10X6 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ on W. face, and dig pits 18X18X12
ins. N. and S. of stone 3 ft. dist. and raise mound of
earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high W. of cor.
- 51.00 Ravine 50 ft. deep course E.
Ascend.
- 80.00 Set a sandstone 15X10X10 ins. 10 ins. in the ground for
cor of secs. 2, 3, 10 and 11, mkd. 2 notches on E and
5 on S. edges, and raise mound of stone 2 ft. base, $1\frac{1}{2}$
ft. high W. of cor.
Land broken.
Soil stony and sandy.. 3rd. and 4th. rate.

SUBDIVISION OF T 2 S R 2 W U. S. B. and M.

CHAINS	Timber, cedar. Dense undergrowth. 80.00 chs.
	E. on true line bet. secs 2 and 11 Descend. over rolling land through dense artemesia.
40.00	Set a sandstone 18X14X6 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{2}$ on N. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
48.00	Sandstone ledges, bear N E and S W. Descend through scrubby cedar.
80.00	Set a sandstone 18X14X5 ins. 12 ins. in the ground for cor. of secs. 1, 2, 11 and 12, mkd. 1 notch on E and 5 on S. edges, from which, A cedar tree 8 ins. in diam. bears N 67° E. 30 lks. dist mkd. T 2 S R 2 W S 1 B T. A cedar tree 7 ins. in diam. bears S 7° E. 31 lks. dist mkd. T 2 S R 2 W S 12 B T No other bearing trees within limit, raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land broken. Soil sandy and stony 3rd. and 4th. rate. Timber, cedar. Dense undergrowth. 80.00 chs.
	May 9th., 1904.
	May 10th., 1904. At 7 a.m. I set off $40^{\circ}20'$ N. on lat arc, $17^{\circ}38'$ N. on dec. arc, and determine a true meridian with the solar, at the cor. of secs. 1, 2, 11 and 12, Thence I run, S. $0^{\circ}01'$ E. on random line, bet. secs. 11 and 12.
40.00	Set temp. $\frac{1}{2}$ sec. cor.
80.00	Intersect C.C. of secs. 11 and 14. Thence I run, North bet. secs. 11 and 13

SUBDIVISION OF T 2 S R 2 W. U. S. B. and M.

Chains. 1.06	The old cor. of secs. 12 and 13, previously described.
1.06	Thence I run N. 0°01' W bet. secs. 11 and 12, as described, Ascend over broken land through dense artemisia and scrubby cedar.
4.50	Sandstone ledge 40 ft. above cor. bears N E and S W.
27.00	Sand ridge, bears N W and S E.
40.00	Set a sandstone 18X10X6 ins. 12 ins. in the ground for $\frac{1}{2}$ sec. cor, mkd. $\frac{1}{2}$ on W. face, from which, A cedar tree 10 ins. in diam. bears N $44\frac{1}{2}^{\circ}$ E. 122 lks dist. mkd. $\frac{1}{2}$ S 12 B T. A cedar tree 10 ins. in diam. bears N 35° W 103 lks. dist. kd. $\frac{1}{2}$ S 11 B T.
43.50	Wash in hollow 5 ft. deep 15 ft. wide, course E.
47.80	Sandstone ledges, 15 ft. high, bear E and W.
60.00	Hollow, course E.
.75.00	Sand ridge, bears E and W.
80.00	The cor of secs. 1, 2, 11 and 12. Land broken. Soil sandy and stony 3rd. and 4th. rate. Timber, cedar. Dense undergrowth and heavy timber. 80:00 chs.
	Line bet. secs. 1 and 12 will not close within limit, as known by retracement, therefore, I run E. on a true line bet. secs 1 and 12. Descend over rolling land through dense sage and scrubby cedar timber. Soil is underlaid with sandstone.
22.50	Leave timber, bears N and S.
40.00	Set a sandstone 18X10X4 ins. 12 ins. in the ground for $\frac{1}{2}$ sec. cor, mkd. $\frac{1}{2}$ on N. face, and raise mound of stone 3 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
50.00	Wash 5 X5 ft. in hollow, course N E. Ascend.
68.00	Spur, projects N.. Descend.

SUBDIVISION OF T 2 S R 2 W U. S. B. and M.

CHAINS

- 80.04 Intersect E. bdy. of Tp. 1.55 chs. S of the cor. of secs 1, 6, 7 and 12, which is,
 A sandstone 9X9X5 ins above ground, firmly set and mkd. and witnessed by the Surveyor General. I obliterate mks. pertaining to R 2 W and set a sandstone 15X10X6 ins. 10 ins. in the ground for C C cor. to secs 1 and 12, mkd. C C on W. with 1 groove on N. and 5 on S. faces, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 Land rolling.
 Soil sandy and stony 3rd. and 4th. rate.
 Timber, cedar.
 Dense undergrowth and heavy timber, 80.04 chs.
 Descending over broken land through scattering cedar and dense artemisia.
 From the cor. of secs 1, 2, 11, and 12, I run
 N $0^{\circ}1'$ W. on random line bet. secs 1 and 2.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 30.45 Intersect N. bdy. of Tp. 7 lks. E. of the cor. of secs 1, 2, 35 and 36., which is,
 A sandstone 10X8X5 ins. above ground, firmly set and mkd. and witnessed as described by the Surveyor General.
 Thence I run,
 S. $0^{\circ}04'$ E. on true line bet. secs. 1 and 2.
 Descending over broken land through scattering cedar and dense artemisia.
 36.70 Old road, bears E and W.
 40.45 Falls in Wash, and $\frac{1}{4}$ cor was not set, course S W.
 41.45 Set a sandstone 14X12X8 ins. 10 ins. in the ground for wit. cor. to $\frac{1}{4}$ sec. cor, mkd. W.C. $\frac{1}{4}$ on W. face, from which, A Cottonwood tree 24 ins. in diam. bears S 68° W 13 lks dist. mkd. $\frac{1}{2}$ S. 2 B T. No other bearing trees within limit; raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
 42.00 Wash .8 ft. wide, 2' ft. deep,, course E.
 30.45 The cor. of secs. 1, 2, 11 and 12.

SUBDIVISION OF T 2 S R 2 W. U. S. B. and M.

CHAINS

Land broken.

Soil sandy and stony, 3rd. and 4th. rate.

Timber, cedar.

Dense undergrowth. 80.45 chs.

From the cor of secs 2, 3, 10 and 11 I run,

N $0^{\circ}03'$ W. on random line bet. secs 2 and 3.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.17 Intersect N. bdy of Tp. 12 lks. E. of the cor. of secs 2, 3, 34 and 35, previously described,

Thence I run,

S. $0^{\circ}07'$ E. on true line bet secs. 2 and 3.

Descending over broken land through dense *Artemisia*.
and scattering cedar.

27.00 Hollow, course E.

40.17 Set a sandstone 12X9X6 ins. 8 ins. in the ground for
 $\frac{1}{4}$ sec. cor. mkd $\frac{1}{4}$ on W. face, and dig pits 18X18X12 ins
N. and S. of stone 3ft.; and raise mound of earth $3\frac{1}{2}$ ft
base $1\frac{1}{2}$ ft. high, W. of cor.

57.00 Hollow, course N E.

80.17 The cor. of secs 2, 3, 10 and 11.

Land broken.

Soil sandy and stony, 2nd. and 3rd. rate.
Timber scattering cedar

Dense undergrowth. 80.17 chs.

May 10th., 1904.

Cloud obscures the sun; can take no observation for lat. this day.

May 11th., 1904.

At 7 a.m. I set off,

$40^{\circ}17'$ N. on lat. arc, $17^{\circ}54'$ N. on dec. arc, and
determined a true meridian with the solar at the cor.
of secs. 27, 28, 33 and 34, previously described.

Thence I run,

SUBDIVISION OF T 2 S R 2 W U. S. B. and M.

CHAINS

- N. $0^{\circ}2'$ W. bet. secs 27 and 28, over rolling land through
dense sage brush.
- 7.20 Road, bears N W and S E.
- 13.65 Dry Gulch Creek, 15 lks. wide, course SE.
- 16.00 Elbow of creek, from N W. to S W.
- 21.50 Old road, bears E and W.
- 27.00 Broken sandstone ledges, bear N W and S E.
- 34.50 S pur, projects W.
Descend through scrubby cedar.
- 40.00 Set a sandstone 14X12X8 ins. 10 ins. in the ground
for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{2}$ on W. face, and raise mound of
stone 2 ft. base; $1\frac{1}{2}$ ft. high W. of cor.
- 49.50 Hollow, course SW.
Ascend.
- 80.00 Set a sandstone 20X12X8 ins. 15 ins in the ground for
cor of secs. 21, 22, 27 and 28, mkd. with 2 notches on
S and 3 on E. edges. from which,
A cedar tree 15 ins. in diam. bears S 36° E. 12 lks.
dist, mkd. T 2 S R 2 W S 27 B T.
A cedar tree 14ins. in diam. bears S 70° W 18 lks.
dist, mkd. T 2 S R 2 W S 28 B T.
No other bearing trees within limit, raise mound of
stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
- Land mountainous.
Soil sandy and stony, 3rd. and 4th. rate.
Timber, cedar.
Mountainous land and dense undergrowth. 80.00 chs.
-
- N. $89^{\circ}52'$ E. on random line bet. secs. 22 and 27.
- 40.00 Set temp. $\frac{1}{2}$ sec. cor.
- 80.08 Intersect N. and S. line 7 lks. N. of the cor. of secs
22, 23, 26 and 27, previously described.
Thence I run,

SUBDIVISION OF T 2 S R 2 W U. S. B. and K.

CHAINS	S. $89^{\circ}55'$ W. on true line bet. secs 22 and 27.
	Over rolling land through dense sage brush and scrubby cedar.
16.00	Dry run, course S E.
40.04	Set a sandstone 18X12X9 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{2}$ on N. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
80.08	The cor. of secs. 21, 22, 27 and 28. Land rolling. Soil sandy, 2nd. and 3rd. rate. Timber, cedar. Dense undergrowth. 80.08 chs.
	H. $0^{\circ}02'$ W. bet. secs 21 and 22, over broken land through dense artemisia and scrubby cedar brush.
40.00	Set a sandstone 18X12X4 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{2}$ on W. face, from which, A cedar tree 15 ins. in diam. bears S 24° E. 85 lks dist. mkd. $\frac{1}{2}$ S 22 B T. A cedar tree 8 ins. in diam. bears N 44° W 115 lks. dist, mkd. $\frac{1}{4}$ S 21 B T.
61.00	Hollow, course E.
62.00	Sandstone ledges, 25 ft. high, bear E and W.
80.00	Set a sandstone 20X10X6 ins. 15 ins. in the ground for cor. of secs. 15, 16, 21 and 22, mkd. 3 notches on S and E. edges, from which, A cedar tree 12 ins. in diam. bears N $19^{\circ}E 45$ lks. dist, mkd. T 2 S R 2 W S 15 B T. A cedar tree 14 ins. in diam. bears S 12° E. 73 lks. dist. mkd. T 2 S R 2 W S 22 B T. A cedar tree 8 ins. in diam. bears S 5° W 54 lks. dist mkd. T 2 S R 2 W S 21 B T. A cedar tree 4 ins. in diam. bears N 28° W 29 lks. dist mkd. T 2 S R 2 W S 16 B T.

SUBDIVISION OF T 2 S R 2 W U. S. B. and M.

CHAINS	
	Land broken.
	Soil sandy and stony, 3rd. and 4th. rate.
	Timber, cedar.
	Dense undergrowth and heavy cedar. 80.00 chs.
	<hr/>
	N. $89^{\circ}55'$ E. on random line bet. secs 15 and 22.
40.00	Set temp: $\frac{1}{2}$ sec. cor.
80.06	Intersect N. and S. line 7 lks. N. of the cor. of secs. 14, 15, 22 and 23.
	Thence I run.
	S. $89^{\circ}58'$ W. on true line bet: secs 15 and 22, over broken land through heavy cedar timber.
40.03	Set a sandstone 20X14X8 ins. 15 ins: in the ground for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{4}$ on N. face, from wh'ich A cedar tree 8 ins. in diam. bears S 57° E. 49 lks. dist mkd. $\frac{1}{2}$ S 22 B T.
	A Boulder 3X3X2 ft. bears N. 27° W. 69 lks: dist. mkd $\frac{1}{4}$ S 15 B O.
44.00	Dry Wash, 10 ft. deep, course S E.
80.06	The cor. of secs 15, 16 21 and 22.
	Land broken.
	Soil sandy and stony 3rd. and 4th. rate.
	Timber, cedar.
	Heavy cedar. 80.06 chs.
	May 11th., 1904.
	At this cor. I set off $17^{\circ}56'$ N. on dec. arc, and at 11h 56m a.m. l.m.t. observed the sun on the meridian. The resulting lat. is $40^{\circ}18'$ N.
	<hr/>
	N. $89^{\circ}02'$ W. bet. secs 15 and 16.
	Over broken land through dense artemisia and heavy scrub cedar.
22.00	Hollow, course E.
	Ascend over sandstone ledges, bear E and W.

SUBDIVISION OF T. 2 S. R. 2 W.U. S. B. and M.

CHAINS	
53.00	Leave ledges, bear E and W.
40.00	Set a sandstone 15X9X6 ins. 10 ins. in the ground for $\frac{1}{2}$ sec. cor, mkd. $\frac{1}{4}$ on W. face, from which A cedar tree 4 ins. in diam. bears S $17^{\circ}W$ 28 lks. dist kd. $\frac{1}{4}$ S 16 B T. A cedar tree 24 ins. in diam. bears S $72^{\circ}E$ 83 lks dist mkd, $\frac{1}{2}$ S 15 B T.
72.00	Scattering timber. Enter dense sage brush.
80.00	Set a sandstone 20X12X4 ins. 15 ins. in the ground for cor. of secs. 9, 10 15 and 16. mkd. 3 notches on E and 4 notches on S edges; and dig pits 18X18X12 ins. in each sec. $5\frac{1}{2}$ ft. dist, and raise mound of earth 4 ft. base, 2 ft. high W. of cor.
	Land broken.
	Soil sandy, 3rd. and 4th. rate.
	Timber, cedar.
	Dense undergrowth and heavy timber. 80.00 chs.
	II. $89^{\circ}58'$ E. on random line bet. secs 10 and 15.
40.00	Set temp. $\frac{1}{2}$ sec. cor.
80.07	Intersect N. and S. line 5 lks. S. of the cor. of secs 10, 11, 14 and 15. Thence I run, S. $89^{\circ}56'$ W. on true line bet. secs 10 and 15. Over rolling land through dense sage brush...
2.75	Alkali Spring 10 lks. N. of the line, drain S E.
5.20	Alkali Spring, 15 lks. S of line, drains E.
17.50	Sandstone ledges, bears N E and S W. Enter heavy cedar timber, bears N and S.
40.03	Set a sandstone 20X8X3 ins. 15 ins. in the ground for $\frac{1}{2}$ sec. cor, mkd. $\frac{1}{4}$ on N. face, from which, A cedar tree 10 ins. in diam. bears N $38^{\circ} E$. 35 lks. dist. mkd. $\frac{1}{4}$ S 10 B T. A cedar tree 14 ins. in diam. bears S $49^{\circ}E$ 43 lks. dist.

S'BDIVISION OF T 2 S R 2 W. U. S. B. and M.

CHAINS

mkd. $\frac{1}{4}$ S 15 B T.

42.50

Sandstone ledges, bear N W and S E.

Through scattering cedar.

80.07

The cor. of secs 9, 10 15 and 16.

Land rolling and broken.

Soil sandy and stony 3rd. and 4th rate.

Timber, cedar.

Dense undergrowth cor. heavy timber. 80.07 chs.

May 11th., 1904.

May 12th., 1904.

At 7 a.m. l.m.t. I set off,

40°19' N. on lat. arc, 18°30' N. on dec. arc, and determine a true meridian with the solar at the cor. of secs 9, 10, 15 and 16.

Thence I run,

N. 0°02' W. bet. secs. 9 and 10, over rolling land through dense artemisia.

4.00

Enter heavy cedar timber, bears E and W.

50.00

Leave heavy cedar timber, through scattering cedar

40.00

Falls on sandstone ledge, mkd. cross (X) at exact point for $\frac{1}{2}$ sec. cor, mkd $\frac{1}{4}$ on W. of cross; from which

A X on ledge, bears E, 5 lks, mkd $\frac{1}{4}$ S 10. B O.

No other bearing object available, raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.

41.00

Dry gulch, 10 ft. deep 1 ch. wide, course E.

76.00

Dry gulch, course E.

Ascend.

80.00

Set a sandstone 18X12X8 ins. 12 ins. in the ground for cor. of secs. 3, 4, 9 and 10, mkd. 3 notches on E. and 5 notches on S. edges, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.

Land broken.

Soil sandy and stony. 3rd. and 4th. rate.

SUBDIVISION OF T. 2 S. R. 2 W. U. S. B. and M.

CHAINS

Timber, cedar.

Dense undergrowth 80.00 chs.

N. $89^{\circ} 56'$ E. on random line bet. secs 3 and 10

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.02 Intersect N. and S. line 9 lks. N. of the cor. of, secs, 3, 3, 10 and 11.

Thence I run,

W. on true line bet. secs. 3 and 10. Over rolling land through dense artemisia and scattering cedar.

40.01 Set a sandstone 15X10X8 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{2}$ on N. face, from which, A cedar tree 7 ins. in diam. bears N 14° W. 98 lks. dist mkd. $\frac{1}{2}$ S 3 B.T.

No other bearing tree within limit, raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft high N. of cor.

68.00 Wash 10 ft. deep, 1 ch. wide, course N. 80° E. Over broken sandstone ledges.

80.02 The cor. of secs. 3, 4, 9 and 10.

Land broken.

Soil sandy and stony, 3rd. and 4th. rate.

Timber, cedar.

Dense undergrowth. 80.03 chs.

N. $0^{\circ}02'$ W. on a random line bet. secs. 3 and 4

40.00 Set temp. $\frac{1}{4}$. sec. cor.

80.01 Intersect N. bdy. of Tp. 2 lks. E. of the cor. of secs. 3, 4, 33 and 34 previously described.

Thence I run,

S $0^{\circ}3'$ E. on true line bet. sec. 3 and 4.

Over broken sandstone ledges and heavy cedar timber.

25.00 Ravine 200 ft. deep, course S E.

Ascend, through scattering cedar.

40.10 Set a sandstone 15X10X8 ins. 10 ins. in the ground for

SUBDIVISION OF T. 2 S. R. 3 W. U. S. B. and M.

CHAINS

$\frac{1}{4}$ sec. cor. mkd. $\frac{1}{2}$ on W. face, and raise mound of stone 2 ft. base. $1\frac{1}{2}$ ft. high W. of cor.

80.10 The cor. of secs. 3, 4, 9 and 10.

Land broken.

Soil sandy and stony, 3rd. and 4th. rate.

Timber. cedar.

Dense undergrowth on heavy cedar. 80.10 chs.

May 12th., 1904.

I set off $18^{\circ}11'$ N. on dec. arc, and at 11h 56m a.m. l.m.t. observed the sun on the meridian. The resulting lat. $40^{\circ}20'$ N.

From the cor. of secs 28, 29 32 and 33, previously described, I run,

N. $0^{\circ} 03'$ W. bet. secs 28 and 29.

Over rolling land through dense artemisia.

52.00 Road, bears E and W.

40.00 Set a sandstone 14X8X5 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor. mkd $\frac{1}{2}$ on W. face, and dig pits 18X18X12 ins N. and S. of stone 3 ft. dist, and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.

46.00 Road, bears N W and S E.

60.00 Dry Gulch Creek, course S E, 15 lks. wide.

76.00 Ascend over sandstone ledges, bear E and W.

80.00 Near top of ledges. Set a sandstone 24X10X6 ins. 18 ins. in the ground for cor. of secs 20, 21, 28 and 29, mkd 2 notches on S and 4 on E edges, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.

Land rolling.

Soil sandy and stony, 3rd. and 4th. rate.

No timber.

Dense undergrowth on 80.00 chs.

N. $89^{\circ}54'$ E. on random line bet. secs. 21 and 28.

SUBDIVISION OF T. 2 S. R. 2 W. U. S. B. and M.

CHAINS

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.16 Intersect N. and S. line 14 lks. N. of the cor. of secs 21, 22, 27 and 28.
Thence I run W. on true line bet. secs 21 and 28.
Over broken land, through dense artemisia and scattering cedar.
- 24.50 Sandstone ledge, 40 ft. high, projects E.
- 40.08 Set a sandstone 15X8X7 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd $\frac{1}{4}$ on N. face, and raise mound of stone 3 ft. base; $1\frac{1}{2}$ ft. high N. of cor.
- 48.00 Over broken sandstone ledges and cliffs, along rim of mountain.
- 58.00 Rim of mountain bears NE. and SW.
80.16 The cor. of secs. 20, 21, 28 and 29.
Land broken and mountainous.
Soil stony, 4th. rate.
Timber, cedar.
Mountainous land. 80.16 chs.

May 12th., 1904.

May 13th., 1904.

- At 7 a.m. I set off,
40°18' N. on lat. arc, 18°24' N. on dec. arc
and determined a true meridian with the solar at the cor
of secs. 20, 21, 28 and 29.
Thence I run N. 8°3' W. bet. secs 20 and 21.
Ascending over broken land and sandstone ledges and scat
terig cedar, and dense artemisia.
- 40.00 Set a sandstone 15X10X6 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{4}$ on W. face, from which ,
A cedar tree 6 ins. in diam. bears S 71° W 56 lks. dist
mkd. $\frac{1}{4}$ S 20 B T.
No other bearing tree within limit, dig pits 18X 18X12
ins. N. and S.of stone 3 ft. dist, and raise mound of
earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.

SUBDIVISION OF T 2 S R 2 W. U. S. B. and M.

CHAINS	
80.00	Set a sandstone 15X6X6 ins. 10 ins. in th grond for cor. of secs 16, 17, 20 and 21. mkd with 3 notches on S and 4 on E edges, -and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land broken. Soil sandy and stony, 4th. rate. Timber, cedar. Dense undergrowth. 80.00 chs.
	E. on random line bet. secs 16 and 21.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.08	Intersect N. and S. line 5 lks. S. of the cor. of secs. 15, 16, 21 and 22. Thence I run, S. $89^{\circ}58'$ W. on true line bet. secs. 16 and 21. Over broken land through heavy cedar timber.
40.04	Set a sandstone 12X12X8 ins. 8 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{2}$ on N. face, from which, A cedar tree 14 ins. in diam. bears N 46° E 75 lks. dist. mkd. $\frac{1}{4}$ S 16 B T. A cedar tree 10 ins. in diam. bears S. $37\frac{1}{2}$ E. 30 lks. dist. mkd. $\frac{1}{4}$ S 21 B T.
76.00	Leave heavy cedar timber, bears N and S. through dense Artemesa.
80.08	The cor. of secs. 16, 17, 20 and 21. Land broken. Soil sandy and stony, 3rd. and 4th. rate. Timber, cedar. Heavy timber, or dense undergrowth. 80.08 chs.
	N. $0^{\circ}03'$ W. bet. secs 16 and 17. Over rolling land, through scattering cedar and dense artemisia.
4.00	Enter heavy cedar timber, bears E and W.

SUBDIVISION OF T 2 S R 2 W. U. S. B. and M.

REMAINS

- 40.00 Set a sandstone 14X10X8 ins. 10 ins. in the ground for $\frac{1}{2}$ sec. cor. mdk. $\frac{1}{4}$ on W. face, from which,
A cedar tree 6 ins. in diam. bears N 5° E. 14 lks. dist
mdk. $\frac{1}{4}$ S 16 B T.
A cedar tree 24 ins. in diam. bears S 85° W. 29 lks.
dist. mdk. $\frac{1}{4}$ S 17 B T.
- 80.00 Set a sandstone 20X18X8 ins. 15 ins. in the ground for cor. of secs 8, 9, 16 and 17. mdk. with 4 notches on S and E. edges, from which,
A cedar tree 6 ins. in diam. bears N. 76° E. 56 lks. dis
mdk. T 2 S R 2 W S O B T.
A cedar tree 10 ins. in diam. bears S 63° E. 14 lks.
dist. mdk. T 2 S R 2 W S 16 B T.
A cedar tree 6 ins. in diam. bears S 46 $\frac{1}{2}$ ° W. 23 lks dist
mdk. T 2 S R 2 W S 17 B T.
A cedar tree 4 ins. in diam. bears N W 95 lks. dist
mdk. T 2 S R 2 W S 8 B T.
Land broken.
Soil sandy and stony. 3rd. and 4th. rate.
Timber, cedar.
Heavy timber, and dense undergrowth. 80.00 chs.
-
- N. 89°58' E. on random line bet. secs 9 and 16.
80.02 Intersect N and S. line 5 lks. N. of the cor. of secs
9, 10, 15 and 16.
Thence I run,
W. on true line bet. secs 9 and 16.
Over broken land through scattering cedar.
- 7.00 Enter heavy cedar and dense Artemisia.
- 40.01 Set a sandstone 18X12X8 ins. 12 ins. in the ground for $\frac{1}{2}$ sec. cor, mdk. $\frac{1}{4}$ on N. face, from which,
A cedar tree 20 ins. in diam. bears N. 82° E 56 lks.
dist. mdk. $\frac{1}{4}$ S 9 B T.
A cedar tree 6 ins. in diam. bears S 60 $\frac{1}{2}$ ° E. 17 lks.

SUBDIVISION OF T 2 S R 2 W. U. S. B. and M.

CHAINS	dist. m.d. $\frac{1}{2}$ S 16 B T.
80.02	The cor. o f secs. 8, 9, 16 and 17. Land broken. Soil sandy and stony 3rd. and 4th. rate. Timber, cedar. Heavy timber or dense undergrowth. 80.02 chs.
	<hr/>
	N. $0^{\circ}03'W$. bet. secs 8 and 9 . Over broken sandy soil underlaid with sandstone, through heavy cedar.
26.50	Hollow, coarse E. leaves timber; dense undergrowth.
40.00	Set a sandstone 16X14X8 ins. 11 ins. in the ground for $\frac{1}{2}$ sec. cor, mkd. $\frac{1}{2}$ on W. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
44.00	Enter heavy cedar timber, bears E and W.
80.00	Set a sandstone 14X10X8 ins. 9 ins. in the ground for cor. of secs 4, 5, 8 and 9, mkd. 4 notches on E and 5 on S. edges, from which, A cedar tree 8 ins. in diam. bears N E 10 lks. dist. mkd. T 2 S R 2 W S 4 B T. A cedar tree 20 ins. in diam. bears S 51° E. 20 lks. dist. mkd. T 2 S R 2 W S 9 B T. A cedar tree 7 i s. in diam. bears S W 53 lks. dist, mkd. T 2 S R 2 W S 8 B T. A cedar tree 8 ins. in diam. bears N. 41° W. 44 lks. dis mkd. T 2 S R 2 W S 5 B T. Land broken, Soil sandy and stony 3rd. and 4th. rate. Timber cedar. Dense undergrowth nor heavy timber. 80.00 chs.
	Cloud obscures the sun can take no observation for lat. this day.
	<hr/> <p>May 13th., 1904.</p>
	<hr/> <p>May 14th., 1904</p>

SUBDIVISION OF T 2 S R 2 W. U. S. B. and N.

CHAINS

At 7 a.m.-l.m.t. I set off,
 $40^{\circ} 20' N.$ on lat. arc, $18^{\circ} 38' N.$ on dec. arc, and
determined a true meridian with the solar.. at the cor.
of secs 4, 5, 8 and 9..

Thence I run,

E. on random line, bet. secs 4 and 9.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.07 Intersect N and S. line 7 lks. S. of the cor. of secs 3
4, 9 and 10.

Thence I run S $89^{\circ} 57'$ W. on true line bet. secs 4 and 9.
Over broken land through dense artemisia.

7.50 Enter heavy cedar timber, bears N and S.

40.03 Set a sandstone 12X12X6 ins. 8 ins. in the ground for
 $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ on N. face, from which,
A cedar tree 7 ins. in diam. bears S 70° E. 13 lks. dist
mkd. $\frac{1}{4}$ S 9 B.T.

A cedar tree 12 ins. in diam. bears N $\frac{1}{2}^{\circ}$ W. 61 lks. dist
mkd. $\frac{1}{4}$ S 4 B.T.

80.07 The cor. of secs 4, 5, 8 and 9.

Land broken.

Soil sandy and stony, 3rd. and 4th. rate,
Timber, cedar.

Dense undergrowth com heavy cedar timber. 80.07 chs.

N. $0^{\circ} 03'$ W. on random line bet. secs 4 and 5.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.96 Intersect N. bdy of Tp. 2 lks. W. of the cor. of secs.
4, 5, 32 and 33, heretofore described.

Thence I run,

S. $0^{\circ} 2'$ E. on true line bet. secs 4 and 5.

Descend over broken sandstone ledges, through heavy
cedar timber.

10:00 Ravine 200 ft. deep, course E.

SUBDIVISION OF T. 2 S R 2 W. U. S. B. and M.

CHAINS Enter dense undergrowth.
Ascend through scattering cedar timber.
39.96 Set a sandstone 12X9X8 ins. 8 ins. in the ground for
 $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ on W. face, and raise mound of stone
2 ft. base $1\frac{1}{2}$ ft. base W. of cor.
79.96 The cor. of secs 4, 5, 8 and 9.
Land broken.
Soil sandy and stony, 3rd. and 4th. rate.
Timber, cedar.
Mountainous land, heavy timber or dense undergrowth.
79.96 chs.

May 14th., 1904. ✓

I set off $18^{\circ}40'$ N. on dec. arc, and at 11h 56m
a.m. l.m.t, observed the sun on the meridian. The re-
sulting lat. $40^{\circ}17'$ N. at the cor. of secs. 29, 30, 31
32; previously described.

Thence I run,

N. $0^{\circ}04'$ W. bet. secs 29 and 30.

Over rolling land through dense sagebrush.

0.50 Dry run, course E.
27.50 Road, bears E and W.
40.00 Set a sandstone 14X8X6 ins. 10 ins. in the ground for
 $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ on W. face, and raise mound of stone
2 ft. base, $1\frac{1}{2}$ ft. high. W. of cor.
45.00 Begin steep ascent over broken cliffs, through scatter-
ing cedar.
58.50 Cliffs 100 ft. high, bear N W and S E.
80.00 Set a sandstone 16X12X6 ins. 11 ins. in the ground for
cor. of secs. 19, 20, 29 and 30 mkd. 2 notches on S
and 5 on E. edges, and raise mound of stone 2 ft. base,
 $1\frac{1}{2}$ ft. high W. of cor.
Cor. is on flat spur, projects S E.
Land broken.
Soil sandy and stony, 3rd. and 4th. rate.

SUBDIVISION OF T. 2 S R. 2 W. U. S. B. and M.

CHAINS	
	Timber, cedar.
	Mountainous land, or land covered with dense undergrowth on 80.00 chs.
	E. on random line bet. secs. 30 and 29
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.20	Intersect N. and S. line 2. lks. S. of the cor. of secs 30, 21, 23 and 29
	Thence I run.
	S. $89^{\circ}59'$ W. on true line bet. secs 20 and 29.
	Over broken mountainous land.
1.75	Sandstone ledges, 50 ft. high, bear N and S.
27.00	Dry Gulch Creek 15 lks. wide, course S E.
38.00	Road, bears N W and S E.
40.10	Set a sandstone 14X12X6 ins. 10 ins. in the ground mkd. $\frac{1}{4}$ on N. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high. N. of cor.
50.00	Alkali Spring, on line.
	Begin steep ascent, bears N and S.
68.00	Top of steep ascent, over heavy cedar timber. bears N W. and S E.
	Ascend gradually.
73.00	Leave timber, bears N and S.
80.20	The cor. of secs. 19, 20, 29 and 30.
	Land mountainous.
	Soil sandy and stony, 3rd. and 4th. rate.
	Timber, cedar.
	Mountainous land 80.20 chs.
	N. $89^{\circ}57'$ W. on random line bet. secs 19 and 30.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
78.55	Intersect W. bdy. of Tp' 12 lks. N. of the cor. of secs. 19, 24, 25 and 30, previously described.
	Thence I run,
	N. $89^{\circ}58'$ E. on true line bet. secs. 19 and 30.

SUBDIVISION OF T 2 S R 2 W. U. S. B. and M.

CHAINS	Over broken land, through dense sage and scrubby cedar.
38.55	Set a sandstone 15X12X4 ins. 10 ins. in the ground for $\frac{1}{2}$ sec. cor, mkd. $\frac{1}{4}$ on N. face, from which, A cedar tree 7 ins. in diam. bears N E 22 lks. dist. mkd $\frac{1}{4}$ S 19 B T. No other suitable tree within limit, raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of the cor. Thence along S.slope.
78.55	The cor. of secs. 19, 20, 29 and 30. Land broken. Soil sandy and stony, 3rd. and 4th. rate. Timber, cedar. Dense undergrowth on 78.55 chs.
	May 14th., 1904.
	May 16th., 1904. At the above cor. I set off, $40^{\circ}18' N.$ on lat. arc, $19^{\circ}07' N.$ on dec. arc, and at 7 a.m. l.m.t determined a true meridian with the solar. Thence I run, $N. 0^{\circ}04' W.$ bet. secs 19 and 20. Over broken land, and scattering cedar. Ravine 200 ft. deep, course S'E. Ascend over broken sandstone ledges. Point o f cliffs, 75 ft. high, bear N W. Set a sandstone 15X12X10 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ on W. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Mouth of ravine, course E. Enter bottom through dense sagebrush. Road, bears N W and S E. Set a cobble stone 12X10X8 ins. 8 ins. in the ground for cor of secs. 17, 18, 19 and 20, mkd. 3 notches on S and 5 on E. edges, from which, A Cottonwood tree 12 ins. in diam. bears N 72° E. 22

SUBDIVISION OF T 2 S R 2 W. U. S. B. and H.

3

CHAINS	<p>1ks dist, mkd. T 2 S R 2 W S 17 B T.</p> <p>A cottonwood tree 8 ins. in diam. bears S 35° E. 28 lks dist. mkd. T 2 S R 2 W S 20 B T.</p> <p>A cottonwood tree 24 ins. in diam. bears S 15° W. 22 lks. dist. mkd. T 2 S R 2 W S 19 B T.</p> <p>A cottonwood tree 28 ins. in diam. bears N 86° W. 44 lks. dist, mkd. T 2 S R 2 W S 18 B T.</p> <p>Land mountainous.</p> <p>Soil sandy and stony, 3rd. and 4th. rate.</p> <p>Timber, cedar.</p> <p>Mountainous land, or land covered with dense undergrowth 80.00 chs.</p> <p>N. 89° 59' E. on random line bet. secs 17 and 20.</p> <p>Set temp. $\frac{1}{4}$ sec. cor.</p> <p>Intersect N. and S. line 2 lks. N. of the cor. of secs 16, 17, 20 and 21.</p> <p>Thence I run.</p> <p>W. on true line bet. secs 17 and 20.</p> <p>Over broken land through scattering cedar timber.</p> <p>Sandstone ledge, bears N W and S E.</p> <p>Through heavy cedar timber.</p> <p>Leave heavy timber, bears N. and S.</p> <p>Set a sandstone 15X10X6 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor, marked $\frac{1}{4}$ on N. face; from which</p> <p>A cedar tree 6 ins. in diam. bears S 20° W. 15 lks. dist. mkd. $\frac{1}{4}$ S 20 B T.</p> <p>A cedar tree 10 ins. in diam. bears N. 84° W. 38 lks. dist. mkd. $\frac{1}{4}$ S 17 B T.</p> <p>Through heavy cedar timber.</p> <p>Foot of steep descent, bears N E and S W.</p> <p>Leave timber, enter dense sage in bottom.</p> <p>Dry Gulch Creek 30 lks. wide, course S E.</p> <p>The cor. of secs 17, 18, 19 and 20</p> <p>Land broken.</p>
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SUBDIVISION OF T. 3 S. R. 2 W. U. S. B. and M.

CHAINS	Soil sandy and stony 3rd. and 4th. rate. Timber, cedar. Mountainous land; heavy timber, or dense undergrowth. 20.12 chs.
	S. $89^{\circ}58'$ W. on random line bet. secs 18 and 19.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
78.46	Intersect W. bdy of Tp. 3 lks. S. of the cor. of secs. 15, 18 19 and 24, previously described. Thence I run N $89^{\circ}59'$ E. on true line bet. secs 18 and 19. Descending over broken land through heavy cedar timber.
22.00	Begin steep ascent, bears N. W and S E.
25.50	Top of steep ascent, over rolling land through dense artemisia and scattering cedar. timber.
38.46	Set a cobble stone 14X12X7 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ on N. face, from which, A cedar tree 12 ins. in diam. bears S 42° E 76 lks. dist. mkd. $\frac{1}{4}$ S 19 B T. No other suitable bearing trees within limit, raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
45.00	Abrupt descent over sandstone ledge, bears N W and S.E.
61.00	Foot, bears N W and S E.
66.60	Old road bears N W and S E. Leave timber.
75.00	Dry Gulch Creek, 250 ft. below ledges, 16 lks. wide course S E.
76.30	Same creek, course N E.
78.46	The cor. of secs. 17, 18, 19 and 20. Land broken. Soil sandy and stone 3rd. and 4th. rate. Timber, cedar. Mountainous land; and heavy timber or dense undergrowth. 78.46 chs.
	May 16th., 1904.

SUBDIVISION OF T 2 S R 2 W. U. S. B. and M.

CHAINS	At this cor. I set off, $19^{\circ} 9'$ N. on dec. arc, and at 11h 56m a.m. l.m.t. observed the sun on the meridian. The resulting lat. is $40^{\circ} 18'$ N.
	N. $0^{\circ} 04'$ W. bet. secs. 17 and 18.
	Over rolling land, through dense artemisia.
1.60	Dry Gulch Creek 15 lks. wide, course S E.
18.00	Leave bottom, begin steep ascent, over broken land through heavy timber.
40. 0	Set a sandstone 24X18X6 ins. 18 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ on W. face, from which, Cedar tree 8 ins. in diam. bears N 35° E 15 lks. dist mkd. $\frac{1}{4}$ S 17 B T. A cedar tree 6 ins. in diam. bears S 21° W. 35 lks. dist, mkd. $\frac{1}{4}$ S 18 B T.
43.00	Top of ascent, bears NW and SE.
80.00	Set a sandstone 18X8X8 ins. 12 ins. in the ground for cor. of secs. 7, 8, 17 and 18, mkd. with 4 notches on S. and 5 on E. edges, from which, A cedar tree 7 ins. in diam. bears N. 86° E 99 lkd. dist mkd. T 2 S R 2 W S 8 B T. A cedar tree 14 ins. in diam. bears S 86° E. 37 lks. dist. mkd. T 2 S R 2 W S 17 B T. A cedar tree 18 ins. in diam. bears S 41° W. 110 lks dist, mkd. T 2 S R 2 W S 18 B T A cedar tree 20 ins. in diam. bears N $29\frac{1}{2}$ W. 49 lks. dist. mkd. T 2 S R 2 W S 7 B T. Land broken. Soil sandy and stony 3rd. and 4th. rate. Timber, cedar. Heavy cedar or dense undergrowth. 80.00 chs.
	E. on randomline bet. secs 8 and 17.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.96	Intersect N and S. line 5 lks. S. of the cor. of secs

SUBDIVISION OF T. 2 S R 2 W. U. S. B. and M.

CHAINS	8, 9 16 and 17. Thence I run, S. $89^{\circ}58'$ W. on true line bet. secs. 8 and 17, over broken land through heavy scrub cedar.
59.98	Set a sandstone 18X10X4 ins: 12 ins. in the ground for $\frac{1}{2}$ sec. cor, mkd. $\frac{1}{4}$ on N face, from which, A cedar tree 6 ins. in diam. bears N 21° E. 15 lks. dist. mkd. $\frac{1}{4}$ S 8 B T. A cedar tree 9 ins. in diam. bears S 22° E. 30 lks. dist. mkd. $\frac{1}{4}$ S 17 B T.
79.96	The cor. of secs. 7, 8, 17 and 18. Land broken. Soil sandy and stony, 3rd and 4th. rate. Timber, cedar. Heavy timber, 79.96 chs.
40.00	S. $89^{\circ}59'$ W. bot. secs 7 and 18, on random line Set temp. $\frac{1}{2}$ sec. cor.
78.40	Intersect W. bdy of Tp. 5 lks. S. of the cor. of secs 7, 12, 13 and 18, previously described. Thence I run, S. $89^{\circ}59'$ E on true line bet. secs 7 and 18. Ascending over broken sandstone ledges, and heavy scrub cedar timber.
4.50	Spur, 200 ft. above cor, projects S. Descend.
22.00	Ravine 200 ft. below spur, course S. Ascend.
58.40	Set a sandstone 15X12X8 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor, mkd. $\frac{1}{4}$ on N. face, from which, A cedar tree 15 ins. in diam. bears N 80° E. 50 lks. dist. mkd. $\frac{1}{4}$ S 7 B T. A cedar tree 8 ins. in diam. bears S 35° E. 35 lks. dist. mkd. $\frac{1}{4}$ S 18 B T.
78.40	The cor. of secs. 7, 8, 17 and 18.

SUBDIVISION OF T 2 S R 2 W. U. S. B. and M.

CHAINS	Land broken. Soil sandy and stony, 3rd. and 4th. rate. Timber, cedar. Mountainous land and heavy timber. 78.40 chs. May 16th., 1904.
	May 17th., 1904 At 7 a.m. l.m.t I set off, $40^{\circ}19'$ N. on lat. arc, $19^{\circ}20'$ N. on dec. arc and determine a true meridian with the solar at the cor. of secs. 7, 8, 17 and 18. Thence I run, N. $0^{\circ}4'$ W. bet. secs. 7 and 8. Ascending through heavy cedar timber.
10.00	Scattering cedar timber; enter dense artemisia.
40.00	Set a sandstone 24X12X8 ins. 18 ins. in the ground for $\frac{1}{2}$ sec.cor. mkd $\frac{1}{4}$ on W. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Descend.
55.50	Ravine, 200 ft. deep, course S.E. Ascend.
80.00	Set a sandstone 14X12X6 ins. 10 ins. in the ground for cor of secs 5, 6, 7 and 8, mkd. 5 notches on S and E edges, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
	Land broken. Soil sandy and stony, 3rd. and 4th. rate. Timber, cedar. Mountainous land, covered with heavy cedar timber, or dense undergrowth 80.00 chs.
	N. $89^{\circ}58'$ E. on random line bet secs 5 and 8.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.98	Intersect N. and S. line, 5 lks. N. of the cor. of secs 4, 5, 8 and 9. Thence I run.

SUBDIVISION OF T 2 S. R 2 W. U. S. B. and M.

CHAINS	W. on true line bet. secs 5 and 8. Over broken land, through heavy cedar timber,
39.99	Set a sandstone 14X8X5 ins. 10 ins. in the ground for $\frac{1}{2}$ sec. cor, mkd. $\frac{1}{4}$ on N. face, from which, A cedar tree 4 ins. in diam. bears N 27° E : 5 lks. dist. mkd. $\frac{1}{2}$ S 5 B T. A cedar tree 8 ins. in diam. bears S 70° W. 13 lks. dist mkd. $\frac{1}{2}$ S 8 B T.
75.00	Leave timber, bears N and S. Enter dense artemisia.
79.98	The cor. of secs 5, 6, 7 and 8. Land broken. Soil sandy and stony 3rd. am 4 th . rate Timber, cedar. Heavy timber on dense undergrowth. 79.98 chs. May 17th, 1904.
	At this cor. I set off, $19^\circ 32'$ N. on dec. arc, and 11h56m l.m.t observed the sun on the meridian, The resulting lat. is $40^\circ 20'$ N.
40.00	N. $89^\circ 59'$ W. on random line bet. secs 6 and 7. Set temp. $\frac{1}{2}$ sec. cor.
78.27	Intersect W. bdy of Tp. 7 lks N. of the cor. of secs 1 6 7 and 12, previously described. Thence I run,
	N. $89^\circ 58'$ E. on true line bet. secs 6 and 7. Decend through scrubby cedar timber, over broken land.
3.00	Dry run, course S W.
	Ascend over broken country.
26.00	Spur ridge, projects N. 200 ft. above sec. cor. Descend.
38.27	Set a sandstone 15X9X6 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{4}$ on N. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
78.27	The cor. of secs. 5, 6, 7 and 8.

SUBDIVISION OF T. 2 S. R. 2 W. U. S. B. and M.

CHAINS

Land broken.
Soil stony, 4th. rate.
Timber, cedar.
Mountainous land. 78.27 chs.

N. $0^{\circ}04'$ W. on random line bet. secs 5 and 6.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.88 Intercept N. bdy. of Tp. at the cor. of secs 5, 6, 31 and 32, previously described.

Thence 1 run,

S. $0^{\circ}4'$ E. on true line bet. secs 5 and 6.

Descending over broken land, and dense scrub cedar.

9.75 Wash 100 ft. below sec. cor. course E.

Ascend.

39.88 Set a double stone 18X10X6 ins. 12 ins. in the ground for $\frac{1}{2}$ sec. cor, mid. $\frac{1}{4}$ on W. face, from which, a cedar tree 12 ins. in diam. bears N. $53\frac{1}{2}^{\circ}$ E. 53 lks dist. mid. $\frac{1}{2}$ S 5 B T.
No other suitable bearing tree within limit; raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. 200 ft. above wash.

52. 0 Spur, projects W.

Descend abruptly, over broken sandstone ledges.

79.88 300 ft. below spur, the cor of secs. 5, 6, 7 and 8.
Land mountainous.

Soil stony, 3rd. rate.

Timber, cedar.

Mountainous land. 79.88 chs.

May 17th., 1904.

GENERAL DESCRIPTION.

This Township is composed of rolling and mountainous land. The soil is sandy throughout, and is under-

SUBDIVISION OF T. 2 S. R. 2 W. U. S. B. and M.

CHAINS

layed with sandstone ledges. The sand lies loose, and is blown from place to place forming sand dunes of great dimensions. There are no well defined ridges in the township.

The greater portion of the township is covered with a dense growth of scrubby cedar. The water found in Dry Gulch Creek is flood water, and disappears entirely during the latter part of the summer. The springs mentioned in the field notes, are alkali, and unfit for any purpose whatever.

There is a well defined valley along the Dry Gulch there being high, broken sandstone ledges on both sides. The valley is covered with a dense growth of artemisia but the land is practically valueless.

On account of the broken formation and shifting sands, I would consider the land throughout the township valueless. In NW $\frac{1}{4}$ of S E $\frac{1}{4}$ of section 2 there is an abandoned log cabin. I could not learn the owner's name. Cabin not seen from line.

There are no settlers and no mineral in the township.

George B. Swan

U.S. Deputy Surveyor.

There being no Notary Public or other officer authorized to administer oaths at the begining or end- ing of this survey, in order to save time and expense, I administer the preliminary and final oaths myself.

George B. Swan

U.S. Deputy Surveyor.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by George C. Swan, United States Deputy Surveyor, to assist in running, measuring, and working the lines and corners described in the foregoing field notes of the survey of Subdivision of R.S. 2, 3 & 4 T. 17 N., R. 2 S. of Uintah Special Base and Meridian, State of Utah, owing the respective capacities in which they acted:

Alfred J. Peterson, Chainman.
Oliver W. Lerner, Chainman.
Louis Justeson, Moundman.
Lawrence Swan, Moundman.
Marion Justeson, Axman.
William Longanecker, Axman.
Fred E. Weidner, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted George C. Swan, United States Deputy Surveyor, in surveying all parts or portions of the Subdivision of R.S. 2, 3 & 4 T. 17 N., R. 2 S. of the Uintah Special Base and Meridian, State of Utah, which are represented

in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Utah.

Alfred J. Peterson, Chainman.
Oliver W. Lerner, Chainman.
Louis Justeson, Moundman.
Lawrence Swan, Moundman.
Marion Justeson, Axman.
William Longanecker, Axman.
Fred E. Weidner, Flagman.

scribed and sworn to before me this 18
day of May, 1890. {

George C. Swan
U. S. Deputy Surveyor



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, George C. Swan, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Edward H. Anderson, United States Surveyor General for Utah, bearing date of the 10th day of September, 1903, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the Subdivisional lines of Township 1 South, Ranges 2, 3, and 7 West, and Township 2 South, Range 2 West,

the Uintah Special Base and meridian, in the State of Utah, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Utah, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

United States Deputy Surveyor.

Subscribed by said George C. Swan, and sworn to before me

this 15th day of December, 1904

U.S. Surveyor-General

for Utah.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah December 21, 1904.

The foregoing field notes of the survey of the Subdivisional lines of Township No. 2 South, Range No. 2 West, of the Uintah Special Base and Meridian, Utah,

executed by George C. Swan and Frederick C. Ferron under their contract No. 278, dated September 10, 1903, XXX, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

United States Surveyor General.

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4-679.

BOOK A-313

CORRECTIVE

FILED

JUL 31 1905
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FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION

of

TOWNSHIP 2 S., Range 2 W.,

Of the UNTAH SPECIAL BASE AND Meridian,

in the State of Utah.

AS SURVEYED BY

George C. Swan and Frederick C. Ferron, United States Deputy Surveyor, S

under their Contract No. 278, dated September 10th., 1903.

Survey commenced July 1st., 1905.

Survey completed July 1st., 1905.

NAMES AND DUTIES OF ASSISTANTS.

William O. Walquist Chairman.

Lawrence R. Swan Chairman.

Lawrence R. Swan Moundman.

Hubert W. Page Jr. Axman.

Hubert W. Page Jr. Flagman.

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INDEX DIAGRAM.

*Township**Range*

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Meanders Page

PRELIMINARY OATHS OF ASSISTANTS.

WE, William D. Walquist and Lawrence K. Swan

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

Subdivision of Township 2 S., Range 2 W., of Uintah Special Base and Meridian, in the State of Utah, ^{corrective} William D. Walquist, Chainman.
Lawrence K. Swan, Chainman.

Subscribed and sworn to before me this 21st
day of June, 1905 }



I, Lawrence K. Swan and

do solemnly swear that we will well and truly perform the duties of moundmen ^{man} in the establishment of corners, according to the instructions given ^{me} to the best of ^{my} skill and ability, in the survey of

Subdivision of Township 2 S., Range 2 W., of Uintah Special Base and Meridian, in the State of Utah, ^{corrective} Lawrence K. Swan, Moundman.

Subscribed and sworn to before me this 21st
day of June, 1905 }



I, Hubert D. Page Jr. and

do solemnly swear that we will well and truly perform the duties of axman in the establishment of corners and other duties, according to instructions given ^{me} to the best of ^{my} skill and ability, in the survey of

Subdivision of Township 2 S., Range 2 W., of Uintah Special Base and Meridian, in the State of Utah.

Hubert D. Page Jr., Axman.

Subscribed and sworn to before me this 21st
day of June, 1905 }



I, Hubert D. Page Jr., do solemnly swear that I will well and truly

perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of Subdivision of Township 2 S., Range 2 W., of Uintah Special Base and Meridian, in the State of Utah.

Hubert D. Page Jr., Flagman.

Subscribed and sworn to before me this 21st
day of June, 1905 }



George L. Swan
U. S. Deputy Surveyor

CORRECTIVE NOTES
of
SUBDIVISION OF TP. 2 S., R. 2 W., U.S.B. & M.

CHAINES

Survey commenced July 1st., 1905, and executed with the instrument described in Book "I" of this survey.

I know the instrument to be in adjustment from recent test made at the cor. of secs. 4, 5, 8, and 9, Tp. 4 S., R. 8 W., and recorded in Book "I" of this survey. At 8h. 0m. a.m., l.m.t., I set off $40^{\circ}18'N.$ on lat. arc; $23^{\circ}9'N.$ on decl. arc, and determine a true meridian with the solar at the cor. of secs. 19, 20, 29 and 30, which is a sandstone 12x6x6 ins. above ground, firmly set, marked and witnessed as described in the original field notes.

Thence I retrace and resurvey

$N.0^{\circ}4'W.$ bet. secs. 19 and 20.

Descend over mountainous land.

11.00 Abrupt descent, bears NW, and SE.

19.50 Ravine 200 ft. deep, course SE.

Ascend over broken sandstone ledges.

24.50 Point of cliffs 75 ft. high, bear NW.

Descend through heavy cedar and pine timber.

38.00 Intersect old $\frac{1}{4}$ sec. cor. I destroy all trace of same.

40.00 Set cobble stone 15x8x6 ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; from which

A cedar tree 10 ins. diam., bears S. $40^{\circ}E.$ 30 lks.

dist., mkd. $\frac{1}{4}$ S 20 B T.

A cedar tree 8 ins. diam., bears N. $44^{\circ}W.$ 50 lks.

dist., mkd. $\frac{1}{4}$ S 19 B T.

63.00 Mouth of ravine; leave cedar and pine timber; enter bottom, covered with dense artemisia, bears NW. and SE.

66.50 Old road, bears NW. and SE.

80.00 Intersect cor. of secs. 17, 18, 19 and 20, which is a cobble stone 10x8x6 ins. above ground, firmly set, mkd. and witnessed as described in original field notes.

Land mountainous.

Soil stony; 3rd. and 4th. rate.

CORRECTIVE NOTES
of
SUBDIVISION OF TP. 2 S., R. 2 W., U.S.B.& M.

CHAINs

Timber cedar and pine.

Mountainous land covered with heavy timber, and dense undergrowth. 80.00 chs.

George C. Swan

July 1st., 1905.

U.S. Deputy Surveyor.

There being no notary public or other officer authorized to administer oaths, within reasonable distance, in order to save time and expense, I administer the preliminary and final oaths myself.

George C. Swan

U.S. Deputy Surveyor.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by George C. Swan, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the ^{corrective} survey of Subdivision Township 2 S., Range 2 W., of Mintak Special Base and Meridian in the state of Utah and giving the respective capacities in which they acted:

William O. Walquist, Chainman.

Lawrence K. Swan, Chainman.

Lawrence K. Swan, Moundman.

, Moundman.

Hubert D. Page Jr., Axman.

, Axman.

Hubert D. Page Jr., Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted George C. Swan, United States Deputy Surveyor, in surveying all

the parts or portions of the Subdivision of Township 2 S., Range 2 W., of Mintak Special Base and Meridian in the state of Utah and giving the respective capacities in which they acted:

Subdivision of Township 2 S., Range 2 W., of Mintak Special Base and Meridian in the state of Utah, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the monuments established, according to the instructions furnished by the United States Surveyor General for Utah.

William O. Walquist, Chainman.

Lawrence K. Swan, Chainman.

Lawrence K. Swan, Moundman.

, Moundman.

Hubert D. Page Jr., Axman.

, Axman.

Hubert D. Page Jr., Flagman.

scribed and sworn to before me this 1
day of July, 1905 }.

SEAL

George C. Swan
U. S. Deputy Surveyor.

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, George C. Swan, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Calvin C. Anderson, United States Surveyor General for Utah, bearing date of the 10th day of September, 1903, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of Subdivision of Township 2 S., Range 2 W., Uintah Special Base and Meridian, in the State of Utah, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

George C. Swan
United States Deputy Surveyor.

Subscribed by said George C. Swan, and sworn to before me
this 31st day of July, 1905

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Edward H. Rudderoy
U.S. Surveyor General
for Utah.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL.

Salt Lake City, Utah August 2, 1905
Collector
The foregoing field notes of the survey of The Subdivisions of Township 2 S., Range 2 W., Uintah Special Base and Meridian, Utah.

executed by George C. Swan and Frederick L. Farwell
under the contract No. 278, dated September 10, 1903; having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward H. Rudderoy
United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in has been correctly copied from the original notes on file in this office.

United States Surveyor General.

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BWG 347

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BOOK A-313

A.

FILED

SEP 30 1904

FIELD NOTES

OF THE SURVEY OF THE

Mish
Standard Parallel South
through
Ranges Nos. 9, 10th & 11 West

of the Meridian of the 90° East Meridian,

In the State of Alaska.

AS SURVEYED BY

Albert D. Page & Byron S. Kuchau, United States Deputy Surveyor, S.
under their Contract No. 279 dated July 22nd, 1890, 3.

Survey commenced May 9th, 1890.

Survey completed May 12th, 1890.

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0	6	00	00	v
11	6	0	00	v
18				60 00 v

NAMES AND DUTIES OF ASSISTANTS.

Gilbert J. Walters chairman

Archie D. Ryan "

Edward Murdock "

William C. Erwin "

Harry C. Crozier groundman

Albert R. Havens "

Harry C. Crozier admans

Herman Haynes "

Albert R. Havens flagman

BOOK A-313

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Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, Gilbert J. Walters, Archie D. Ryan and Edward Murdoch, William C. Ervin,

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

1st Standard Parallel South through Rg 910th 11th of the Uintah Special base and meridian
in the state of Utah.

Gilbert J. Walters Archie D. Ryan, Chairman.

Edward Murdoch, William C. Ervin, Chairman.

Subscribed and sworn to before me this 9th day of May, 1890th



WE, Harry C. Crozier

and Albert R. Travers

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

1st Standard Parallel South through Rg 910th 11th of the Uintah Special base and meridian
in the state of Utah.

Harry C. Crozier, Moundman.

Albert R. Travers, Moundman.

Subscribed and sworn to before me this 9th day of May, 1890th



WE, Harry C. Crozier

and Herman Wagner

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

1st Standard Parallel South through Rg 910th 11th of the Uintah Special base and meridian
in the state of Utah.

Harry C. Crozier, Axman.

Herman Wagner, Axman.

Subscribed and sworn to before me this 9th day of May, 1890th



I, Albert R. Travers

do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of 1st Standard Parallel South through Rg 910th 11th of the Uintah Special base and meridian, in the state of Utah.

Albert R. Travers, Flagman.

Subscribed and sworn to before me this 9th day of May, 1890th



Herbert D. Page,
U.S. Deputy Surveyor

FIRSTnSTANDARD PARALLEL SOUTH THROUGH RANGE 9 WEST.

Survey commenced May 9, 1904, and executed with a W. & L.E. Gurley light mountain transit No. , with solar attachment; the horizontal limb having two double verniers placed opposite to each other reading to single minutes of arc which is the least count of the verniers of the latitude and declination arcs.

The instrument was examined tested on the true meridian at Salt Lake City, Sept. 1903, found correct and approved by the surveyor general for Utah.

I begin at the standard corner of Tp. 4 S. R.s. 8 and 9 W. which is a shale rock 6x6x6 ins. above ground, firmly set and marked and witnessed as described by Deputies Swan and Ferron under their contract No. 278; latitude $40^{\circ}05'28''$ N.; longitude $110^{\circ}52'26''$ W.

In order to test the solar apparatus by comparing the results of observations on the sun during a.m. and p.m. hours with a true meridian determined by Polaris observation, I proceed as follows:-

At 4 h.p.m.l.m.t. I set off $40^{\circ}05\frac{1}{2}'$ N. on lat.arc; $17^{\circ}37'$ N. on decl.arc, and determine a true meridian with the solar and mark the point in line thereof on a stone firmly set in the ground 5 chs. N. of the cor.

At 10h..14m.p.m.l.m.t. I observe Polaris at lower culmination in accordance with the instructions in the Manual; the meridian thus determined falls on a pole set on the mark established by p.m. solar observation.

May 9, 1904.

May 10, 1904. at 7 h.0 m.a.m.l.m.t. I set off $40^{\circ}05\frac{1}{2}'$ N. on lat.arc; $17^{\circ}37'$ N. on decl.arc, and determine a true meridian with the solar.

The meridian thus determined falls on a pole set on the mark made by p.m. solar observation and checked by Polar-

FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 9 WEST.

is observation.

The solar apparatus by p.m. and a.m. observations defines positions for meridian the same as by Polaris observation; therefore the adjustments of the instrument are correct.

The magnetic bearing of the true meridian at 7 h.15 m. is N. $16^{\circ}45'W.$; the angle thus determined gives the magnetic declination $16^{\circ}45'E.$

From the standard corner above described I lay off an angle of 90° from N. to W. and run west on a tangent south of section 36,

Descending over broken mountainous land; through heavy pine timber.

9.00 Timber Canon Creek 6 lks. wide flows NW. in canon 1800 ft. deep.

Ascend over broken ledges and boulders; through scattering cedar, pinon pine and mahogany,

40.00 N. $\frac{1}{4}$ link from the tangent

Point for $\frac{1}{4}$ sec. cor. falls on cliffs, corner not set

Difference bet. measurements of 55.20 chs. by two sets

of chainmen is 8 lks.; position of middle point by 1s

By 1st set 55.24 chs.

By 2d set 55.16 chs.; the mean of which is

54.20 N. 0.27 lks. from the tangent;

Set a sandstone 20x12x4 ins. 15 ins. in the ground for

witness. cor. to St. $\frac{1}{4}$ sec. cor., marked W.C.S.C. on. N.w face, from which

A pinon pine 18 ins. diam. bears N. $64^{\circ}W.$ 52 lks. dist.

marked S C $\frac{1}{4}$ S B T

No other bearing trees within limits; raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.

Difference between measurement of 80.00 chs. by two sets of chainmen is 11 lks.; position of middle point

By 1st set 79.95 $\frac{1}{2}$ chs.

By 2d set 80.05 $\frac{1}{2}$ chs.; the mean of which is

80.00 N. 1 lk. from the tangent

-3-

FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 9 WEST.

Chains.	<p>Set a limestone 18x12x5 ins.12 ins.in the ground for standard cor.of sections 35, and 36,marked S C on N., with 1 grooves on E.and 5 grooves on W.faces;from which A mahogany 8 ins.diam.bears N.4°E.21 lks.dist. marked T 4 S R 9 W S 36 B T</p> <p>No other bearing trees within limits;raise a mound of stone 2 ft.base 1½ ft.high N.of cor.Pits impracticable. Land mountainous.</p> <p>Soil rocky;4th rate.</p> <p>Timber pinon pine,cedar, and mahogany.</p> <p>Mountainous land 80.00 chs.</p>
---------	--

S.89°59'W.on tangent south of sec.55

Ascending through scattering mahogany,pinon pine and cedar.

2.00 Ridge bears NE.and SW.;descend.

20.00 Enter burned timber.

38.00 Ravine 300 ft.deep,course NE.

Leave timber.

Enter dense mahogany and squaw brush.

Difference bet.measurements of 40.00 chs.by two sets of chainmen is 6 lks.;position of middle point

By 1st set 39.97 chs.

By 2d set 40.03 chs.;the mean of which is

40.00 N.1.9 lks.from the tangent,

Set a sandstone 15x6x4 ins.10 ins.in the ground for standard ½ sec.cor.,marked SC $\frac{1}{2}$ on N.face;and raise a mound of stone 2 ft.base 1½ ft.high N.of cor.

Difference bet.measurements of 80.00 chs.by two sets of chainmen is 12 lks.;position of middle point

By 1st set 79.94 chs.

By 2d set 80.06 chs.,the mean of which is 80.00

80.00 N.3.4 lks.from the tangent

FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 9 WEST.

Chains	Set a sandstone 15x10x6 ins.10 ins.in the ground for standard cor.to secs.34 and 35,marked SC10N.20grooves on E.and 4 grooves on W.faces;raise a mound of stone 2 ft.base 1½ ft.high N.of cor. Land mountainous. Soil rocky;4th rate. Timber cedar,pinon pine and mahogany, Mountainous land 80.00 chs.
	South 89°58'W.on the tangent S.of sec.34 Ascending over mountainous land;through dense growth of young aspen.
1.50	Leave aspen,bears N.and S.
25.50	Knoll on spur,projects NE.
28.50	Enter dead pine timber bears NE.and SW.
32.00	Leave timber bears NW.and SE.
	Difference bet.measurements of 40.00 chs.by two sets of chainmen is 4 lks.;position of middle point By 1st set 39.98 chs.
	By 2d set 40.02 chs.;the mean of which is 40.00 N.5¼ lks.from the tangent
	Set a sandstone 12x10x5 ins.8 ins.in the ground for standard ¼ sec.cor.,marked SC14 on N.face;and raise a mound of stone 2 ft.base 1½ ft.high N.of cor.
57.00	Ravine 400 ft.drains N.E. Ascend through heavy pine timber
79.00	Ridge spur projects NE!;descend. Difference bet.measurements of 80.00 chs.by two sets of chainmen is 16 lks.;position of middle point By 1st set 79.92 chs.
80.00	By 2d set 80.08 chs.;the mean of which is N.7.6 lks.from the tangent.
	Set a sandstone 16x10x5 ins.11 ins.in the ground for standard cor.of secs.33 and 34,marked SC16N.30grooves on E. side

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FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 9 WEST.

Chains	E. and W. faces; from which A pinon pine 10 ins. diam. bears N. 65° W. 56 lks. dist. marked T 4 N R 9 W S. 33 B T A pinon pine 8 ins. diam. bears N. 62° E. 47 lks. dist. marked T 4 N R 9 W S. 34 B T. Land mountainous. Soil stony; 4th rate. Timber pine and aspen. Mountainous land 80.00 chs., May 10, 1904, at this cor. I set off 17° 40' N. on decl. arc, and at 11 h. 55 m. a m.l.m.t. observe the sun on the merid- ian the resulting lat. is 40° 05' N.
7.00	South 89° 57' W. on the tangent S. of sec. 33 Descending through heavy pine timber.
9.00	Ravine 75 ft. deep, drains N. 30° E.
14.00	Low spur projects N.
16.50	Ravine 100 ft. deep, course N. 35° W.
32.50	Spur projects N.; descend. Canon 500 ft. below sec. cor., course N. 60° E.
36.00	Thence through heavy aspen timber. Leave timber bears NE. and SW. Difference bet. measurements of 40.00 chs. by two sets of chainmen is 6 lks.; position of middle point By 1st set 39.97 chs.
40.00	By 2d set 40.03 chs.; the mean of which is N. 10 $\frac{1}{2}$ lks. from the tangent Set a sandstone 14x10x5 ins. 9 ins. in the ground for st. $\frac{1}{2}$ sec. cor., marked S C $\frac{1}{4}$ on N. face; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor. Difference bet. measurements of 80.00 chs. by two sets of chainmen is 8 lks.; position of middle point By 1st set 79.96 chs. By 2d set 80.04 chs.; the mean of which is

FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 9 WEST.

Chains. ✓
80.00 N.13.0 lks. from the tangent.
Set a sandstone 18x12x7 ins.12 ins.in the ground for
standard cor.of secs.32 and 33;marked S C on N.4 grooves on
E.and 2 grooves on W.faces;and raise a mound of stone 2
ft.base 1½ ft.high N.of cor.
Land mountainous.
Soil stony;4th rate.
Timber pine and aspen.
Mountainous land 80.00 chs.

S:89°56'W.on tangent S. of sec.32?
Ascending over mountainous land through growth of young
aspen.
18.50 800 ft.above sec.cor.,ridge bears NE.and SW.
Descend through dead and fallen timber bears NE.and SW.
28.00 Hollow drains N.
35.00 Leave dead timber bears N.and S.
36.75 Spur projects N.;
Descend
Difference bet.measurements of 40.00 chs.by two sets of
chainmen is 4. lks.;position of middle point is
By 1st set is 39.98 chs.
By 2d set 40.02 chs.the mean of which is 40.00
40.00 N.17.0 lks.from the tangent.
Set a sandstone 14x8x4 ins.9 ins.in the ground for
standard $\frac{1}{4}$ sec.cor.,marked S C $\frac{1}{4}$ on N.face;and raise a
mound of stone 2 ft.base 1½ ft.high N.of cor.
62.00 Hollow drains NW.
Enter dead and fallen timber.
66.50 Spur projects NW.
77.50 Mouth of ravine 1000 ft.deep,drains N.
Difference bet.measurements of 80.00 chs.by two sets of
chainmen is 14 lks.;position of middle point

FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 9 WEST.

Chains	By 1st set 79.93 chs.
80.00	<p>By 2d set 80.07 chs.; the mean of which is N.21.0 lks. from the tangent, on spur projects N.</p> <p>Set a sandstone 20x10x4 ins. 15 ins. in the ground for standard cor. of secs. 31 and 32, marked SC on N.5. grooves on E. and 1 groove on W. faces; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.</p> <p>Land mountainous.</p> <p>Soil stony; 4th rate.</p> <p>Timber aspen and dead and fallen pine.</p> <p>Mountainous land 80.00 chs.</p> <hr/> <p>S.29°56'W. on tangent S. of sec. 31.</p> <p>Descending over mountainous land through dead and fallen timber.</p>
6.00	<p>Canon 120 ft. deep, course NE.</p> <p>Leave dead timber; ascend through heavy aspen and scattering pine timber.</p>
26.00	<p>Leave timber bears N. and S.</p> <p>Difference bet. measurements of 40.00 chs. by two sets of chainmen is 4 lks.; position of middle point</p> <p>By 1st set 39.98 chs.</p>
40.00	<p>By 2d set 40.02 chs.; the mean of which is N.25.5 lks. from the tangent</p> <p>Set a porphyry stone 15x12x5 ins. 10 ins. in the ground for standard $\frac{1}{4}$ sec. cor., marked SC$\frac{1}{4}$ on N. face; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.</p>
60.00	Enter scattering aspen timber.
64.00	<p>Ridge bears NE. and SW.; descend.</p> <p>Through dead and fallen timber.</p> <p>Difference bet. measurements of 80.00 chs. by two sets of chainmen is 12 lks.; position of middle point</p> <p>By 1st set 79.94 chs.</p>

FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 9 WEST.

Chains. By 2d set 80.06 chs.; the mean of which is
80.00 N. 30.0 lks. from the tangent,
Set a sandstone 18x12x5 ins. 12 ins. in the ground for
standard cor. for Tp. 4 S. Rs. 9 and 10 W.; marked SC 4 S. on
Mt. 9 W. one E., 100 W. on W. face, with 6 grooves on N. E. and W.
faces; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N.
of cor.
Land mountainous.
Soil stony; 4th rate.
Timber pine and aspen.
Mountainous land 80.00 chs.

May 10, 1904.

For general description see subdivision of this
township.

FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 10 WEST.

Chains May 11, 1904, at 7 h.0 m.a.m:l.m.t. I set off 17°53' N.on decl.arc; 40°05 $\frac{1}{2}$ ' N.on lat.arc; and determine a true meridian with the solar at Stecorr. of T.41S., R.s.9 and 10 W.; heretofore described; thence I run
 West on the tangent S. of sec.36.
 Over mountainous land; over dead and fallen timber.
 13.00 Enter heavy pine and aspen timber bears N. and S.
 18.00 Leave timber.
 Difference bet. measurements of 40.00 chs. by two sets of chainmen is 4 lks.; position of middle point
 By 1st set 39.98 chs.
 By 2d set 40.02 chs.; the mean of which is.
 40.00 N. $\frac{1}{4}$ lk. from the tangent.
 Set a sandstone 14x12x4 ins.9 ins. in the ground for standard $\frac{1}{4}$ sec.cor., marked SC $\frac{1}{4}$ on N. face; and raise a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high N. of cor.
 46.00 Leave dead timber.
 56.00 Enter dead timber and scattering aspen timber.
 Difference bet. measurements of 80.00 chs. by two sets of chainmen is 16 lks.; position of middle point
 By 1st set 79.92 chs.
 By 2d. set 80.08 chs.; the mean of which is
 80.00 N. 1 lk. from the tangent.
 Set a sandstone 14x10x6 ins.9 ins. in the ground for standard cor. of secs. 35 and 36, marked SC on N., 1 groove on E. and 5 grooves on W. faces; and raise a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high N. of cor.
 Land mountainous.
 Soil stony 3d rate.
 Timber pine and aspen.
 Mountainous land 80.00 chs.

S.89°59' W. on the tangent S. of sec.35
 Over mountainous land; through dead and fallen timber.

FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 10 WEST.

Chains.	Ravine 200 ft. deep, course NW.
19.00	Enter heavy aspen and pine timber.
25.50	Spur projects N. Descend.
35.00	Ravine 200 ft. deep, drains N.
	Ascend.
39.50	Spur projects N.
	Difference bet. measurements of 40.00 chs. by two sets of chainmen is 8 lks.; position of middle point
	By 1st set is 40.04 chs.
	By 2d set is 39.96 chs.; the mean of which is
40.00	N.1.9 lk. from the tangent,
	Set a sandstone 20x12x6 ins 15 ins. in the ground for standard $\frac{1}{4}$ sec.cor., marked S C $\frac{1}{4}$ on N.face; from which
	An aspen 8 ins. diam. bears N.13°E.21 lks. dist. marked S C $\frac{1}{4}$ S B T
	An aspen 8 ins. diam. bears N.68°W.29 lks. dist. marked S C $\frac{1}{4}$ S B T
44.50	Ravine 400 ft. deep, course NE.
	Ascend.
71.50	Ridge bears NE. and SW.; descend.
	Difference bet. measurements of 80.00 chs. by two sets of chainmen is 14 lks.; position of middle point
	By 1st set 79.93 chs.
	By 2d set 80.07 chs.; the mean of which is
80.00	N.3.4 lks. from the tangent.
	Set a sandstone 16x9x4 ins. 11 ins. in the ground for standard cor. of secs. 34 and 35, marked SC on N., 2 grooves on E. and 4 grooves on W.faces; dig pits 24x18x12 ins. cross-wise on each line E. and W. 5 ft., and N. of stone 7 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high N. of cor.
	Land mountainous,
	Soil stony; 4th rate.
	Timber pine and aspen.
	Mountainous land 80.00 chs.

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FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 10 WEST.

Chains	.. S.89°58'W.on the tangent S.of sec.34, Descending through mountainous land.
5.50	Enter scattering aspen timber.
15.50	Leave timber.
26. 00	Ravine 400 ft.deep, course NE.;ascend. Difference bet.measurements of 40.00 chs.by two sets of chainmen is 6 lks.;position of middle point By 1st set 39.97 chs.
40.00	By 2d set 40.03 chs.;the mean of which is N.5 $\frac{1}{4}$ lks.from the tangent, Set a sandstone 20x12x8 ins.15 ins.in the ground for standard cor.,marked SC $\frac{1}{4}$ on N.face;and raise a mound of stone 2 ft.base 1 $\frac{1}{2}$ ft.high N.of cor.
44.40	Ridge bears NE.and SW. Difference bet.measurements of 80.00 chs.by two sets of chainmen is 14 lks.;position of middle point By 1st set 79.93 chs.
80.00	By 2d set 80.07 chs.;the mean of which is N.7.6 lks.from the tangent, Set a sandstone 15x10x5 ins.10 ins.in the ground for standard cor.of secs.33 and 34,marked SC on W.with 3. on grooves.on N.and W.faces;from which An aspen 5 ins.diam.bears N.49°E.23 lks.dist. marked T 4 N R 10 W S 34 B T An aspen 5 ins.diam.bears N.51°W.12 lks.dist. marked T 4 N R 10 W S 33 B T Land mountainous. Soil stony;3d rate.. Timber pine and aspen. Mountainous land.80.00 chs.

May 13,1904,at this cor.I set off 17°56'N.on declinat^e
and at 11 h.56 m.a.m.l.m.t.observe the sun on the me-
ridian;the resulting lat.is 40°05'N.

FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 10 WEST.

Chains	S.89°57'W.on the tangent S.of sec.33 Descending over mountainous land through heavy aspen timber.
19.50	Ravine 700 ft.deep, course N.;ascend. Difference bet.measurements of 40.00 chs.by two sets of chainmen is 8 lks.;position of middle point By 1st set 39.96 chs.
"	By 2d set 40.04 chs.;the mean of which is 40.
40.00	N.10 $\frac{1}{4}$ lks.from the tangent, Set a sandstone 24x12x6 ins.18 ins.in the ground for standard $\frac{1}{4}$ sec.cor.,marked SC $\frac{1}{4}$ on N.face;from which An aspen .4 ins.diam.bears N.82°E.27 lks.dist. marked S C $\frac{1}{4}$ S B T An aspen 3 ins.diam.bears NW.35 lks.dist. marked S. C $\frac{1}{4}$ S B T
45.00	Hollow drains N.
53.00	Leave aspen timber bears N.and S. Ascend.
56.00	Spur projects NW.
58.20	Sandstone ledge bears N.and S.
65.00	Enter heavy aspen timber bears N.and S.
74.00	Leave timber.
79.00	Fork of W willow Creek 15 lks.wide,in canon 400 ft.deep, course NW. Difference bet.measurement of 80.00 chs.by two sets of chainmen is 14.lks.;position of middle point By 1st set 79.93 chs..
"	By 2d set 80.07 chs.;the mean of which is.
80.00	N.13.0 lks.from the tangent, Set a cobble stone 15x12x8. ins.10 ins.in the ground for standard cor.of secs.32 and .33,marked SC on N.4 grooves on E.and 2 grooves on W.faces;and raise a mound of stone 2 ft.base 1 $\frac{1}{2}$ ft.high N.of cor. Land mountainous. Soil stony;3d rate. Timber pine and aspen.

FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 10 WEST.

Chains	Mountainous land 80.00 chs.
	S.89°56'W.on the tangent S.of sec.32
	Descending over mountainous land.
5.00	Enter aspen ears N.and S.
22.00	Ravine 500 ft.deep,drains NW.
38.00	Spur projects NW.
	Difference bet.measurements of 40.00 chs.by two sets of chainmen is 8 lks.;position of middle point
	By 1st set 39.96 chs.
	By 2d set 40.04 chs.;the mean of which is
40.00	N.17.0 lks.from the tangent,
	Set a sandstone 20x13x6 ins.15 ins.in the ground for standard $\frac{1}{4}$ sec.cor.,marked SC $\frac{1}{4}$ on N.face;from which
	An aspen 5 ins.diam.bears N.6°W.23 lks.dist.
	marked S C $\frac{1}{4}$ S B T
	No other trees within limits;and raise a mound of stone 2 ft.base 1 $\frac{1}{2}$ ft.high N.of cor.
	Descend.
47.00	Canon 500 ft.deep,course N.40°W. Ascend.
52.50	Spur projects N.
	Difference bet.measurements of 80.00 chs.by two sets of chainmen is 16 lks.;position of middle point
	By 1st set 79.92 chs.
	By 2d set 80.08 chs.;the mean of which is
80.00	N.21.0 lks.from the tangent,
	Set a sandstone 18x12x6 ins.12 ins.in the ground for standard cor.of secs.31 and 32;marked with 5 grooves on E.and 1 groove on W.faces;from which
	An aspen 3 ins.diam.bears N.50°W.6 lks.dist.
	marked T 4 N R 10 W S 31 B T
	An aspen 3 ins.diam.bears N.64°E.13 lks.dist.
	marked T 4 N R 10 W S 32 B T

FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 10 W EST.

	Chains. Land mountainous. Soil stony; 3d rate. Timber aspen. Mountainous land 80.00 chs.
	S.89°56'W.on the tangent S.of sec.31 Descend through scrubby aspen.
10.00	Leave aspen; enter choke cherry brush.
15.00	Willow Creek 10 lks. wide course N.80°E. Difference bet.measurements of 40.00 chs. by two sets of chainmen is 8 lks.; position of middle point By 1st set 39.96 chs.
40.00	By 2d set 40.04 chs.; the mean of which is N.25.5 lks. from the tangent, Set a sandstone 15x9x7 ins. 10 ins. in the ground for standard $\frac{1}{4}$ sec.cor., marked SC $\frac{1}{4}$ on N.face; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N.of cor. On spur projects S.; descend.
55.90	Ravine 600 ft. deep, course S.70°E. Enter scattering aspen timber.
73.00	Descend Leave aspen timber. Difference bet.measurements of 80.00 chs. by two sets of chainmen is 14 lks.; position of middle point By 1st set 80.07 chs
80.00	By 2d set 79.93 chs.; the mean of which is N.30.0 lks. from the tangent, Set a sandstone 15x12x4 ins. 10 ins. in the ground for standard cor. for Tp.4 S.Rs.10 and 11 W.; marked SC 4 S. on N. & 10 W. on E.; 11 W. on W. faces; with 6 grooves on N.E. and W. faces; raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N.of cor. Land mountainous. Soil stony; 4th rate. Timber aspen.

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FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 10 WEST.

Chains. Mountainous land 80.00 chs.

For general description see notes of the subdivision of T.4 N R 10 W.

May 11, 1904.

Volume

R0313

FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 11 WEST.

Chains	May 12, 1904, at 7 h.0 m.a.m.l.m.t. I set off 40°05' N. on the lat. arc; 18°09' W. on the decl. arc, and determine a true meridian with the solar at St. cor. of Tp. 4 S., Rs. 10 and 11 W.; heretofore described. Thence I run West on the tangent south of sec. 36 Descending over mountainous land.
3.00	Enter scrubby aspen timber.
5.00	Ravine 25 ft. below cor. course. S.80°E.
	Enter heavy aspen timber.
29.00	Spur projects SE., 1000 ft. above sec. cor.
37.00	Enter scattering pine; leave aspen. Difference bet. measurements of 40.00 chs. by two set. of chainmen is 8 lks.; position of middle point By 1st set 39.96 chs.
40.00	By 2d set 40.04 chs.; the mean of which is N. $\frac{1}{4}$ lk. from the tangent, Set a sandstone 14x10x5 ins. 9 ins. in the ground for standard. $\frac{1}{4}$ sec. cor.; marked SC $\frac{1}{4}$ on N. face; from which A pinon pine 6 ins. diam. bears N.50°W. 22 lfs. dist. marked S C $\frac{1}{4}$ S B T No other bearing trees within limits; raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.
48.00	Ravine 600 ft. deep, course SE.; Enter aspen timber.
75.00	Leave timber bears N. and S. Difference bet. measurements of 80.00 chs. by two sets of chainmen is 12 lks.; position of middle point By 1st set 79.94 chs.
80.00	By 2nd set 80.06 chs.; the mean of which is N. 1 lk. from the tangent, Set a limestone 20x12x3 ins. 15 ins. in the ground for standard cor. of secs. 35 and 36, marked SC on N., 1 groove on E. and 5 grooves on W. faces; and raise a mound of stone

FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 11 WEST.

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Chains. 3 ft. base $1\frac{1}{2}$ ft. high N.of cor. On ridge bears NE land. SWC
Land mountainous.
Soil stony; 3d rate.
Timber pine and aspen.
Mountainous land 80.00 chs.

S. $89^{\circ}58'$ W.on the tangent S.of sec. 35
Descending over broken land.
Difference bet.measurements of 40.00 chs. by two sets of
chainmen is 10 lks.; position of middle point
By 1st set 39.95 chs.
By 2nd set 40.05 chs.; the mean of which is
40.00 N. 1.9 lks. from the tangent,
Set a shale stone 16x12x4 ins. 11 ins. in the ground for
standard $\frac{1}{4}$ sec.cor., marked SC $\frac{1}{4}$ on N.face; dig pits 18x
18x12 ins. E. and W. of stone 3 ft. dist.; and raise a mound
of earth 3 ft. base 2 ft. high N.of cor.
52.00 Ravine 500 ft. deep, course NE.
65.00 Spur ridge projects NE.
65.50 Enter heavy aspen and underbrush.
Difference bet.measurements of 80.00 chs. by two sets of
chainmen is 16 lks.; position of middle point
By 1st.set 80.08 chs.
By 2d set 79.92 chs.; the mean of which is
80.00 N. 3.4 lks. from the tangent,
Set a sandstone 26x14x4 ins. 19 ins. in the ground for
standard sec.cor.of secs. 34 and 35; marked SC on N. with
2.groove on E., and 4.grooves on W.face; from which
An aspen 12 ins. diam.bears N. $20^{\circ}30'$ E. 61 lks. dist.
marked T 4 N R 11 W S 35 B T
An aspen 8 ins. diam.bears N. 8° W. 70 lks. dist.
marked T 4 N R 11 W S 34 B T
Land mountainous. and broken.

FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 11 W EST.

	Chains	Soil stony; 4th rate. Timber aspen. Mountainous land or land covered with dense underbrush 80.00 chs.
		S.89°58'W.on the tangent S.of sec.34
		Descending through dense underbrush and aspen and scattering pine timber.
8.50		Ravine 100 ft. below corner course NE. Ascend.
12.00		Spur projects N.
		Descend.
35.00		Ravine 200 ft. deep, course N. Difference bet.measurements of 40.00 chs. by two sets of chainmen is 8 lks.; position of middle point By 1st set 40.04 chs. By 2d set 39.96 chs.; the mean of which is
40.00		N.5½ lks. from the tangent, Set an aspen post 3 ft.long 4 ins.square 24 ins.in the ground for standard $\frac{1}{4}$ sec.cor., marked SC $\frac{1}{4}$ S 34. on N; face from which An aspen 10 ins.diam.bears N.6°W. 17 lks.dist. marked S C $\frac{1}{4}$ S B T No other bearing trees within limits; and raise a mound of stone 2 ft base 1½ ft. high N.of cor.
		On spur projects N.
47.50		Ravine 200 ft. deep, course N.
67.50		Ridge bears NE. and SW. Leave aspen timber. Difference bet.measurements of 80.00 chs. by two sets of chainmen is 18 lks.; position of middle point By 1st set 79.91 chs. By 2d set 80.09 chs.; the mean of which is
80.00		N.7.6 lks. from the tangent,

FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 11 WEST.

Chains. Set a sandstone 14x12x6 ins.9 ins.in the ground for standard cor.for secs.33 and 34;marked SC₁on N.,3 grooves on E.and W.faces;dig pits 24x18x12 ins.crosswise on each line E.and W.3 ft.and N.of stone 7 ft.dist.;and raise a mound of earth 4 ft.base 2 ft.high N.of cor.
Land mountainous.
Soil stony;3d rate.
Timber pine and aspen.
Mountainous land 80.00 chs.
May 12, 1904, at this cor.I set off 18°11'N.on decl.arc and at 11 h.56 m.a.m.l.m.t.observe the sun on the meridian;the resulting lat.is 40°05'N.

S.89°57'W.on the tangent S.of sec.33
Descending through aspen and undergrowth.
2.00 Ravine 100 ft.below cor.course N. Ascend.
20.00 Ridge bears NW.and SE.
25.00 Leave aspen timber bears NW.and SE.
Difference bet.measurements of 40.00 chs.by two sets of chainmen is 6 lks.;position of middle point
By 1st set 39.97 chs.
By 2d set 40.03 chs.;the mean of which is
40.00 N.10 $\frac{1}{2}$ lks.from the tangent,
Set a sandstone 12x8x8 ins.8 ins.in the ground for standard $\frac{1}{4}$ sec.cor.;marked SC $\frac{1}{4}$ on N.face;from which
An aspen 4 ins.diam.bears N.45°W.64 lks.dist.
marked S C $\frac{1}{4}$ S B T
No other bearing trees within limits;raise a mound of stone 2 ft.base 1 $\frac{1}{2}$ ft.high N.of cor.
60.00 Ravine 700 ft.deep,drains N.50°W.
Enter aspen;thence over broken slope.
73.50 Spur projects N.;leave aspen.
7.00
Difference bet.measurements of 80.00 chs.by two sets of chainmen is 18 lks.;position of middle point

FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 11 WEST.

Chains	By 1st set 79.91 chs.
80.00	By 2d set 80.09 chs.; the mean of which is N.13.0 lks. from the tangent, Set a sandstone 20x8x8 ins. 15 ins. in the ground for standard cor. of secs. 32 and 33; marked SC on N., 4 grooves on E. and 2 grooves on W. faces; from which An aspen 5 ins. diam. bears N.75°W. 28 lks. dist. marked T 4 N R 11 W S 32 B T An aspen 10 ins. diam. bears N.65°E. 64 lks. dist. marked T 4 N R 11 W S 33 B T Land mountainous. Soil stony; 3d rate. Timber aspen. Mountainous land, 80.00 chs.
36.25	S 89°56' W. on the tangent, S. of sec. 32
39.60	Descending through aspen and undergrowth. Leave aspen bears N. and S.
40.00	Treek 2 lks. wide course N. Enter willows. Difference bet. measurements of 40.00 chs. by two sets of chains is 10 lks.; position of middle point By 1st set 39.95 chs. By 2d. set 40.05 chs.; the mean of which N.17.0 lks. from the tangent, Set a sandstone 16x16x3 ins. 11 ins. in the ground for standard $\frac{1}{4}$ sec. cor., marked SC $\frac{1}{4}$ on N. face; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.
40.80	Leave willows; ascend.
51.00	Enter aspen
73.00	Spur projects N.
74.00	Leave aspen bears N. and S.
77.00	Enter aspen and undergrowth. Difference bet. measurements of 80.00 chs. by two sets of

FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 11 WEST.

	Chains. chainmen is 16 lks.; position of middle point By 1st set 80.08 chs. By 2nd set 79.92 chs.; the mean of which is N.21.0 lks. from the tangent, Set a sandstone 16x16x14 ins.11 ins.in the ground for standard cor.of secs.31 and 32;marked SC on N.5°groove on E. and 1 groove on W.face; from which An aspen 4 ins.diam.bears N.51°30'W.65 lks.dist. marked T 4 N R 11 W S 31 B T An aspen 4 ins.diam.bears N.66°E.45 lks.dist. marked T 4 N R 11 W S 32 B T Land mountainous. Soil stony; 4th rate. Timber aspen. Mountainous land 80.00 chs.
11.00	S 18°56'W.on the tangent S.of sec.31 Descending through aspen timber and underbrush. Leave aspen timber. Difference bet.measurements of 40.00 chs.by two sets of chainmen is 8 lks.;position of middle point By 1st set 39.96 chs. By 2d set 40.04 chs.; the mean of which is N.25.5 lks. from the tangent,
40.00	Set a sandstone 20x16x4 ins.15 ins.in the ground for standard $\frac{1}{2}$ sec.cor.,marked SC $\frac{1}{2}$ on N.face;dig pits 18x18x 12 ins.E. and W.of stone 3 ft.dist.;and raise a mound of earth $2\frac{1}{2}$ ft.base $1\frac{1}{2}$ ft.high N.of cor.
40.75	Creek 3 lks.wide course N.40°E.in ravine 250 ft.deep, course N.40°E.
43.00	Enter aspen timber.
73.00	Begin steep descent;leave aspen timber.
75.00	Hollow drains SE. Enter aspen timber.

FIRST STANDARD PARALLEL SOUTH THROUGH RANGE 11 WEST.

Chains. Difference bet. measurements of 80.00 chs. by two sets of chainmen is 16 lks.; position of middle point
By 1st set 79.92 chs.
By 2d set 80.08 chs.; the mean of which is
80. 00 N. 30.0 lks. from the tangent,
Set a sandstone 18x12x7 ins. 12 ins. in the ground for standard cor. of Tp. 4 S. R. 11. and 12 W. ; marked SC on N., with 6 grooves on N.E. and W. faces; from which
An aspen 10 ins. diam. bears N. 50° E. 18 lks. dist
marked T 4 N R 11 W. S 31B T
An aspen 10 ins. diam. bears N. 53° W. 54 lks. dist.
marked T 4 N R 12 W. S 36 B T
Land mountainous.
Soil stony; 4th rate.
Timber aspen.
Mountainous land 80.00 chs.

May 12, 1904.

For general description see notes of subdivision of T.4 S.R.11 W.

Hubert D. Page
U.S. Deputy Surveyor.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Gilbert D. Page and Byron L. Kieshaw, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of 1st standard parallel through B. S. 10 E. 10 M. 11 P. of the Minotah Special base and meridian with the respective capacities in which they acted:

<u>Gilbert J. Whistler</u>	<u>Archie D. Ryan</u>	<u>, Chainman.</u>
<u>Edward Mandock</u>	<u>William C. Ervin</u>	<u>, Chainman.</u>
<u>Harry C. Crozier</u>		<u>, Moundman.</u>
<u>Albert R. Travers</u>		<u>, Moundman.</u>
<u>Harry C. Crozier</u>		<u>, Axman.</u>
<u>Elmerine Wagner</u>		<u>, Axman.</u>
<u>Albert R. Travers</u>		<u>, Flagman.</u>

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Gilbert D. Page and Byron L. Kieshaw, United States Deputy Surveyor, in surveying all the parts or portions of the 1st standard Parallel south through B. S. 10 E. 10 M. 11 P.

of the United eight base 3rd meridian, State of Alaska, which are represented the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Alaska.

<u>Gilbert J. Whistler</u>	<u>Archie D. Ryan</u>	<u>, Chainman.</u>
<u>Edward Mandock</u>	<u>William C. Ervin</u>	<u>, Chainman.</u>
<u>Harry C. Crozier</u>		<u>, Moundman.</u>
<u>Albert R. Travers</u>		<u>, Moundman.</u>
<u>Harry C. Crozier</u>		<u>, Axman.</u>
<u>Elmerine Wagner</u>		<u>, Axman.</u>
<u>Albert R. Travers</u>		<u>, Flagman.</u>

scribed and sworn to before me this 11th day of May, 1890 } }



Gilbert D. Page
U.S. Deputy Surveyor.

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Hubert D. Page, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Edward H. Anderson United States Surveyor General for Utah, bearing date of the 22d day of July 1903, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the First Standard Parallel South through Ranges 9, 10, and 11 West of the

of the Uintah Special Base and meridian, in the State of Utah, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Utah, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Hubert D. Page

United States Deputy Surveyor.

Subscribed by said Hubert D. Page, and sworn to before me,

this 19th day of December, 1904

Edward H. Anderson

U.S. Surveyor-General

for Utah.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, December 20, 1904.

The foregoing field notes of the survey of the First Standard Parallel South through Ranges 9, 10, and 11 West of the Uintah Special Base and Meridian, Utah.

executed by Hubert D. Page and Byron S. Kershaw under his contract No. 279, dated July 22, 1903, 1903, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward H. Anderson

United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

United States Surveyor General.

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A.C.

BOOK A-313

FILED
SEP 30 1804

B.

FIELD NOTES

OF THE SURVEY OF THE

West 3rd North

Township

of

Township No. 4 South

Range No. 9 West

of the Meridian, Special Line and Meridian,

In the state of Utah

AS SURVEYED BY

Albert S. Page, U.S. Deputy Surveyor, United States Deputy Surveyor,

Under his Contract No. 300, dated July 1st, 1890, 1890

Survey commenced May 15th, 1890Survey completed May 16th, 1890

Latitude 41° 00' 00"

North 57° 35' 45"

NAMES AND DUTIES OF ASSISTANTS.

Gilbert J. Gallus Chairman

Edward Murdoch

Albert R. Graves Treasurer

Albert R. Graves Advisor

William Kishaw Layman

BOOK A-313

INDEX DIAGRAM.

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Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

We, Gilbert J. Wallins and Edward Murdock,

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

*W. G. M. Bdy. of 1 ps 2, 3 & 4 S. Rs. 9 & 10 2/3 qd. Bdy. of 1 S. Rs. 9 & 10 2/3 qd N & W. Bdy. of 1 ps 4 S. R. 11 2/3 qd. The meeting, special bush-and mountain, state of U.S.A.
Gilbert J. Waller, Chairman.*

Subscribed and sworn to before me this 1st
day of May, 18901. }



WE, Albert R. Davies

Byron S. Kershaw

U.S. Deputy Surveyor

⁹ We, Albert R. Graves and
lemnly swear that we will well and truly perform the duties of moundmen in the establishment
rners, according to the instructions given us, to the best of our skill and ability, in the survey of
~~days of Dec 23rd A.S. Regd 10th of Feb 1845 R. 11th. 1st of May 1846 of A.S. Regd 9th 1846.
United special care and attention.~~
Albert R. Graves, Moundman.
John C. H. Smith, Moundman.

Subscribed and sworn to before me this 10th day of May, 1894.



I
WE, Albert R. Gravers

Byron S. Kershaw
U.S. Deputy Surveyor

I, Albert R. Graves, and
WE, _____, solemnly swear that we will well and truly perform the duties of axmen in the establishment of corner
other duties, according to instructions given ^{me}, to the best of ^{our} skill and ability, in the survey of
N. Bdy. of Ps. 3rd & 4th R. 9th T. 24 S. R. 11th E. of bdy. P. 15, R. 9th T. 1st of
the Special base and meridian state of Wash. Albert R. Graves, Axman

Subscribed and sworn to before me this 13th
day of May, 1890.



Beyon S. Kershaw

U.S. Deputy Surveyor

I, William Kershaw, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the
form of W.M. Bdy's of Pps 2, 3, 4, & R. 9, 10, 11, P. 4 S. R. 11 M. 1st of Sept. 1815 P. 1 S. R. 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 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Subscribed and sworn to before me this 13th
day of May, 1890 A.D.



Byron S. Kershaw

M. S. Deputy Surveyor

WEST BOUNDARY TP.4S.R.9 W.U.S.B.& M.

CHAINS

Survey commenced May 13, 1904, and executed with a W. and L.E. Gurley light mountain transit, No.----, with solar attachment; the horizontal limb is provided with two double verniers placed opposite to each other reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

The instrument was examined, tested on the true meridian at Salt Lake City, found correct and was approved by the surveyor general Sept. 1903.

I examined the adjustments of the transit, and find them correct; then to test the solar apparatus by comparing its indications resulting from solar observations, made during p.m. and a.m. hours, with a meridian determined by Polaris observation; I proceed as follows:

At the standard corner of Tp. 4 S.Rgs. 9 and 10 W. lat. $40^{\circ} 05' 28''$ N., long. $110^{\circ} 59' 13''$ W., heretofore described, I set off $40^{\circ} 05\frac{1}{2}'$ N. on lat. arc; $18^{\circ} 29'$ W. on decl. arc, and at 4h. p.m. l.m.t. determine a true meridian with the solar, and mark a point thereof on a stone firmly set in the ground, 5 chs. N. of my station.

At 9h. 58m. p.m. l.m.t. I observe Polaris at lower culmination, in accordance with the Manual of Instructions; the meridian thus determined falls on a pole set on the mark determined by p.m. solar observations.

May 13, 1904.

May 14, at 7h. a.m.l.m.t. I set off $40^{\circ} 05\frac{1}{2}'$ N. on lat. arc; $18^{\circ} 38'$ W. on decl. arc; and determine a true meridian with the solar; the meridian thus determined falls on the mark determined by p.m. solar and Polaris observations..

The solar apparatus by p.m. and a.m. observations defines the position for meridian the same as Polaris observations; therefore, I conclude the adjustments of the instrument are correct.

WEST BOUNDARY OF T.P.4 S.R.9 W.U.S.B.& M.

CHAINS

The magnetic bearing of the true meridian at 7h. 30m. a.m. l.m.t. is $17^{\circ} 03'$ W.; the angle thus determined gives the magnetic declination $17^{\circ} 03'$ E.

From the standard Tp. cor. already described I run N. on W. bdy. of Tp. 4 S.R.9 W. bet. secs. 31 and 36 Desc. over mountainous land, through dead timber and scattering aspen

- 40.00 Set a sandstone 15x12x4 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; from which
An aspen 4. ins. in diam. bears S. 87° E. 61 lks.dist.
mkd. $\frac{1}{4}$ S 31 B T.
An aspen 4 ins. in diam. bears N. 47° W. 100 lks.dist.
mkd. $\frac{1}{4}$ S 36 B T.
- 48.00 Ravine 800 ft. below sec. cor. course NW. Leave aspen, enter heavy pines, bears NW. and SE.; asc.
- 68.00 Spur projects W.; desc. over broken ledges.
- 76.70 Set a sandstone 18x12x12 ins. 12 ins. in the ground, for witness cor., to cor. of secs. 25-30 31 and 36, mkd. W C on NE. face; and 5 notches on the N. and 1 notch on S. edge; from which
A pine 12 ins. in diam. bears NE. 40 lks. dist.
mkd. W C T 4 S R 9 W S 31 B T.
A pine 12 ins. in diam. bears SE. 15 lks.dist.
mkd. W C T 4 S R 9 W S 31 B T.
A pine 12 ins. in diam. bears S. 20° W. 5 lks.dist.
mkd. W C T 4 S R 10 W S 36 B T.
A pine 10 ins. in diam. bears N. 35° W. 20 lks.dist.
mkd. W C T 4 S R 10 W S 36 B T.
- 80.00 Point to cor. of secs. 25-30-31 and 36 falls in steep slide rock; corner not set.
Land mountainous.
Soil stony; 4th. rate.
Timber pines and aspen.
Mountainous land and heavily timbered. 80.00 chs.

WEST BOUNDARY OF Tp. 4 S.R.9.W.U.S.B.& M.

CHAINS	N. bet. secs. 25 and 30
	Desc. over mountainous land, ledges and slides bear NE. and SW.
17.00	Ravine 800 ft. deep, course NE. Leave ledges; asc. through dense sage and service berry brush.
40.00	Set a sandstone 16x10x6 ins. 11 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
80.00	Set a sandstone 19x8x6 ins. 13 ins. in the ground, for cor. of secs. 19-24-25 and 30, mkd. 4 notches on the N. and 2 notches on S. edge; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Land mountainous. Soil stony; 4th. rate. No timber. Mountainous land covered with dense undergrowth. 80.00 chs.
	N. bet. secs. 19 and 24
	Asc. over mountainous land, through dense sage and sarvis brush.
20.00	Ridge bears NE. and SW. Enter scattering pines bear NE. and SW. Desc. over broken ledges.
40.00	Set a sandstone 18x12x6 ins. 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ high W. of cor.
60.00	Strawberry River 60 lks. wide, in canon 1500 ft. deep, course N. 85° E. Asc.
65.00	Broken sandstone ledges bears E. and W. Leave pines. Enter heavy pinon and cedar, bear E. and W.
70.00	Leave ledges, bear E. and W.
80.00	Set a sandstone 18x12x6 ins. 12 ins. in the ground, for cor. to secs. 18-18-19 and 24, mkd. 3 notches on

WEST BOUNDARY T.4 S.R.9 W.U.S.B.& M.

CHAINS

the N., and 3 notches on S. edge, from which
A cedar 8 ins. in diam. bears N. 48° E. 14 lks. dist.
mkd. T 4 S R 9 W S 18 B T.
A pine 8 ins. in diam. bears S. 17° E. 22 lks. dist.
mkd. T 4 S R 9 W S 19 B T.
A pine 15 ins. in diam. bears S. 26° W. 26 lks. dist.
mkd. T 4 S R 10 W S 24 B T.
A pine 8 ins. in diam. bears N. 29° W. 54 lks. dist.
mkd. T 4 S R 10 W S 13 B T.

Land mountainous.

Soil stony; 4th. rate.

Timber pines, cedar and pinon.

Mountainous land, and heavy timber. 80.00 chs.

May 14, at this cor. I set off $18^{\circ} 40'$ N. on decl. arc; and 11h.56m. a.m. l.m.t. observe the sun on the meridian; the resulting lat. is $40^{\circ} 8'$ N.

N. bet. secs. 13 and 18

Asc. over mountainous land through heavy cedar and pinon

1.00

Spur projects SE.

Desc.

22.00

Box canon 500 ft. deep, course SE.

Ascend. over broken sandstone ledges, bear N. 30° W.

and SE.

40.00

Point for $\frac{1}{2}$ sec.cor. falls on sandstone ledge. 15x10x8 ft.

above ground, on which

I cut a cross (X) at the cor. point for $\frac{1}{2}$ sec.cor. marked $\frac{1}{4}$ W. of cross, from which

A mahogany 6 ins. in diam. bears N. 49° E. 53 lks. dist.

mkd. $\frac{1}{4}$ S 18 B T.

A mahogany 8 ins. in diam. bears N. 70° W. 30 lks. dist.

mkd. $\frac{1}{4}$ S 13 B T.

58.00

Top of sandstone ledges, bear NW. and SE.

Leave pinon and cedars.

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WEST BOUNDARY OF T.4 S.R.9 W.U.S.B.& M.

CHAINS 70.00	Ridge bears NE. and SW. Enter dense scrubby aspen; desc.
380.00	Set a sandstone 14x10x8 ins. 10 ins. in the ground, for cor. of secs. 7-12-13 and 18, mkd. 2 notches on N. and 5 notches on S. edge; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Land mountainous. Soil stony; 3rd. rate. Timber cedar, pine, mahogany and aspen. Mountainous land and heavy timber. 80.00 chs.
35.00	N. bet. secs. 7 and 12 Desc. over mountainous land, through scrub aspen, and dense squaw and service berry brush.
40.00	Ravine 350 ft. below secs. cor., course SW.; asc. Set a sandstone 14x18x6 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ high W. of cor.
47.00	Ridge bears NE. and SW. Enter heavy aspen. bears NE. and SW. Desc.
76.00	Hollow, course NW. Asc.
80.00	On spur projects W. Set a sandstone 18x15x6 ins. 12 ins. in the ground, for cor. of secs. 1-6-7 and 12, mkd. 1 notch on N., and 5 notches on S. edge; from which An aspen 3 ins. in diam. bears N. 73° E. 19 lks.dist. mkd. T 4 S R 9 W S 6 B T. An aspen 3 ins. in diam. bears S. 4° E. 45 lks.dist. mkd. T 4 S R 9 W S 7 B T. An aspen 4 ins. in diam. bears S. $71\frac{1}{2}^{\circ}$ W. 29 lks.dist. mkd. T 4 S R 10 W S 12 B T. An aspen 4 ins. in diam. bears N. $41\frac{1}{2}^{\circ}$ W. 43 lks.dist. mkd. T 4 S R 10 W S 1 B T.

WEST BOUNDARY OF T.4 S.R.9 W.U.S.B.& M.

CHAINS

Land mountainous.

Soil stony; 3rd. rate.

Timber aspen.

Mountainous land and heavy timber, covered with dense undergrowth. 80.00 chs.

N. bet. secs. 1 and 6

Desc. over mountainous land, through heavy aspen.

36.50 Leave aspen, bear E. and W.

40.00 Set a sandstone 15x12x8 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.

57.00 Ravine 100 ft. deep, course SW.; asc.

68.00 Enter heavy aspen, bears E. and W.

80.00 Set a sandstone 18x15x6 ins. 12 ins. in the ground, for cor. of Tps. 3 and 4 S., Rgs. 9 and 10 W., mkd. 6 notches on N., S. E. and W. edges; from which

An aspen 4 ins. in diam. bears N. 11° E. 18 lks.dist.
mkd. T 3 S R 9 W S 31 B T.

An aspen 4 ins. in diam. bears S. 11° E. 25 lks.dist.
mkd. T 4 S R 9 W S 6 B T.

An aspen 3 ins. in diam. bears S. $42\frac{1}{2}^{\circ}$ W. 22 lks.dist.
mkd. T 4 S R 10 W S 1 B T.

An aspen 3 ins. in diam. bears N. 2° W. 16 lks.dist.
mkd. T 3 S R 10 W S 36 B T.

Land mountainous.

Soil stony; 3rd. rate.

Timber young aspen;

Mountainous land and heavy timber. 80.00 chs.

May 14, 1904.

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NORTH BOUNDARY OF T. 4 S.R. 9 W.U.S.B.& M.

CHAINS

Survey commenced May 15, 1904, and executed with the instrument described in this book.

I know the instrument to be in adjustment, from recent tests made at the standard cor. of Tps. 4 S. Rgs. 9 and 10 W. May 13th. and 14th. and recorded in this book.

On the second Guide Mer. West, at the cor. of Tps. 3 and 4 S., Rgs. 8 and 9 which is a sandstone 5x10x8 ins. above ground firmly set, and marked and witnessed, as described under contract No. 278, by Deputies Swan and Ferron, at 7h. a.m. l.m.t. I set off 40°11' N. on lat. arc.; 18°52 $\frac{1}{2}$ ' N. on decl. arc., and determine a true meridian with the solar; thence I run West on a random line along N. bdy. of Tp., setting temp. $\frac{1}{2}$ sec. and sec. cor. at intervals of 40.00 chs. and at 479.35 chs. intersect N. and S. line. 42 lks. N. of cor. of Tps. 3 and 4 S. Rgs. 9 and 10 W., heretofore described.

The course of this line is therefore

N. 89°57'E.

May 15, 1904.

May 16, at the cor. of Tps. 3 and 4 S. Rgs. 9 and 10 W. heretofore described. I set off 40°11' N. on lat. arc; 19°07' N. on decl. arc, and 7h. a.m. l.m.t. determine a true meridian with the solar; thence I run

N. 89°57'E. on N. bdy. of Tp. bet. secs. 6 and 31 Ridge bears NW. and SE 71.

Desc. over mountainous land through dense aspen.

Set a sandstone 20x15x8 ins. 15 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; from which

An aspen 4 ins. in diam. bears N. 6° E. 16 lks. dist. mkd. $\frac{1}{4}$ S 31 B T.

An aspen 4 ins. in diam. bears S. 5° W. 49 lks. dist. mkd. $\frac{1}{4}$ S 6 B T.

2.00

39.35

NORTH BOUNDARY OF T:4 S.R.9.W.U.S.B.& M.

CHAINS	
58.00	Ravine 200 ft. deep, course SE. Leave aspen bear NW. and SE. Enter dense sage, oak and service brush. Asc: Set a sandstone 20x10x8 ins. 15 ins. on the ground, for cor. to secs. 5-6-31 and 32 mkd: 5 notches on the E. and 1 notch on W. edge, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Land mountainous. Soil loam and stony; 2nd. and 3rd. rate. Timber young aspen. Mountainous land, dense timber and undergrowth. 79.35 chs.
79.35	N. $89^{\circ}57'E.$ bet. secs. 5 and 32. Asc. over mountainous land, through dense oak, sage and service brush. Spur projects SE. Desc.
40.00	Set a sandstone 14x10x6 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd $\frac{1}{4}$ on N. face; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.
53.00	Ravine 150 ft. deep, course S. Sandstone 10 ft. high, bears N. and SE. Asc..
80.00	On ridge bears S. $70^{\circ}E.$ and N. $80^{\circ}W.$ Set a sandstone 15x12x8 ins. 10 ins. in the ground, for cor. of secs. 4-5-32 and 33, mkd. with 4 notches on the E. and 2 notches on W. face; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Land mountainous. Soil stony; 3rd. rate. No timber. Mountainous land covered with dense undergrowth. 80.00 chs.

NORTH BOUNDARY OF T 4 S.R.9 W.U.S.B.& M.

CHAINS	N. $89^{\circ}57'E$: bet. secs. 4 and 33
	Asc. along ridge bears S. $70^{\circ}E$. and N. $80^{\circ}W$., through dense sage and sarvis brush.
4.00	Enter dense young aspen, bears NW. and SE. desc.
29.00	Leave aspen bears N. and S.
38.00	Enter aspen bears N. and S.
40.00	Set a sandstone 14x10x6 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; from which An aspen 3 ins. in diam. bears N. $01^{\circ}E$. 8 lks. dist. mkd. $\frac{1}{4}$ S 33 B T. An aspen 3 ins. in diam. bears S. $20^{\circ}W$. 10 lks. dist. mkd. $\frac{1}{4}$ S 4 B T.
41.00	Ravine 150 ft. deep, course N. Leave aspen, bears N. and S. Asc.
65.00	Spur projects NW. Desc.
72.00	Ravine 100 ft. deep, course NW. Asc.
80.00	Set a sandstone 14x8x5 ins. 10 ins. in the ground, for cor. of secs. 3-4-33 and 34, mkd. 3 notches on the E. and 3 notches on W. edge; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Land mountainous. Soil loam and stony; 2nd. and 3rd. rate. Timber young aspen. Mountainous land dense timber and covered with dense undergrowth. 80.00 chs.

NORTH BOUNDARY OF T4S.R.9 W.U.S.B.& H.

CHAINS

N.89°57'E. bet. secs. 3 and 34

Asc. over mountainous land, through dense oak, sage and service berry brush.

25.00 Spur projects N.

Desc.

30.50 Enter dense young aspen, bear N. and S.

32.50 Ravine 150 ft. deep, course NW.

Leave aspen bears N. and S.

Asc:

38.50 Spur projects N.

Desc.

40.00 Set a sandstone 16x12x4 ins. 11 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{2}$ on N. face; dig pits 18x18x12 ins. E. and W. of stone 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high N. of cor.

70.00 Ravine 500 ft. deep, course N.10°E.

Asc.

80.00 Set a sandstone 14x8x6 ins. 10 ins. in the ground, for cor. to secs. 2-3-34 and 35, mkd. 2 notches on the E. and 4 notches on W. edge; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.

Land mountainous.

Soil stony; 3rd. rate.

Timber young aspen.

Mountainous land dense timber, and covered with dense undergrowth. 80.00 chs.

May 16, at this cor. I set off $19^{\circ}08\frac{1}{2}'N.$ on decl. arc; and at 11h.56' a.m.l.m.t. observe the sun on the meridian the resulting lat. is $40^{\circ}11'N.$

NORTH BOUNDARY OF T.4.S.R.9 W.U.S.B.& M.

CHAINS	N. $89^{\circ}57' E.$ bet. secs. 2 and 35
35.00	Asc. over mountainous land, through scattering pines and mahogany, and dense oak, sage and serviceberry brush. Spur projects NE. Desc.
40.00	Set a sandstone 14x10x8 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.
42.00	Ravine 300 ft. deep, course NE. Asc.
47.00	Spur projects NE. Sandstone ledge 10 ft. high, bears N. $10^{\circ} E$ and S. $10^{\circ} W$. Desc.
79.50	Ravine 250 ft. deep, course N. asc.
80.00	Set a sandstone 16x12x6 ins. 11 ins. in the ground, for cor. of secs. 1-2-35 and 36, mkd. 1 notch on the E., and 5 notches on W. edge; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Land mountainous. Soil stony; 3rd. and 4th. rate. Timber scattering pines and mahogany. Mountainous ^{land} covered with scattering timber, and dense undergrowth. 80.00 chs.
	N. $89^{\circ}57' E.$ bet. secs. 1 and 36
40.00	Asc. over mountainous land, through dense oak, sage and sarvis brush.
52.00	Set a sandstone 18x10x8 ins. 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.
58.00	Spur projects NW. Desc.
61.50	Ravine 400 ft. deep, course NW. Asc.

NORTH BOUNDARY OF T. 4 S.R. 9 W.U.S.B.& M.

CHAINS 75.00	Spur projects N.
	Desc.
80.00	The cor. of Tps. 3 and 4 S. Rgs. 8 and 9 W.
	Land mountainous.
	Soil stony; 3rd. rate.
	No timber.
	Mountainous land covered with dense undergrowth. 80.00 chs.

May 16, 1904.

For general description see sub division of this Tp.

Bryon S. Kershaw
U.S. Deputy Surveyor.

There being no notary public, or other officer authorized to administer oaths, within a reasonable distance, at the beginning or ending of this survey; therefore to save time and expense I administer the preliminary and final oaths myself.

Bryon S. Kershaw. U.S. Deputy Surveyor.

—
BOUNDRARIES OF TOWNSHIP 4 S., R.9 W., U.S.B.& M.

Latitude, Departures, and Closing Errors.							
Line Designated	True Bearing	Distance ohs.	Latitude ohs.	Departure ohs.			
Sy. E. 48., R. 9W.	West	480.00					480.00
" " " "	North	480.00	480.00				
" " " "	N. 89° 57' E.	479.35	.42	479.35			
" " " "	South	480.00		480.00			
Excess					.61		
Total		480.42	480.00	479.96	480.00		
Closing in latitude and departure.				.42			.04

Benton S. Kershaw
U.S. Deputy Surveyor.

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____

....., United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____

showing the respective capacities in which they acted:

For final affidavits see book "L" T.4 S.R.11 W. _____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____

....., United States Deputy Surveyor, in surveying all those parts or portions of the _____

of the _____

..... meridian, of which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for _____

For final affidavits see book "L" T.4 S.R.11 W. _____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to before me this _____
day of _____, 190 _____ }



- FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I United States Deputy Surveyor,
 solemnly swear that, in pursuance of a contract received from
 United States Surveyor General for bearing date of
 day of 190 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of

For final affidavit see book "L" T.4 S.R.11 W.

..... of the
 meridian, in the which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

United States Deputy Surveyor

Subscribed by said and sworn to before me }
 this day of 190 }

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0 SEAL 0
000000

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, December 20, 1903.

The foregoing field notes of the survey of the West and North Boundaries of Township No. 4 South, Range No. 9 West of the Uintah Spec'l Base, and Meridian, Utah,

executed by Hubert P. Page and Byron S. Kershaw
 under their contract No. 279 dated July 22 1903, having been critically examined, and the necessary corrections and explanations made, the said field notes, and surveys they describe, are hereby approved.

Edward A. Anderson
United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in has been correctly copied from the original notes on file in this office.

United States Surveyor General

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4-670.

BOOK A-313

FILED

SEP 30 1904
[Signature]

FIELD NOTES

OF THE SURVEY OF THE

*Prest and North
Boundaries
of
Township No. 3 South
Range No. 9 West.*

*or the Third Principal Meridian,
In the State of Utah.*

AS SURVEYED BY

*John D. Page, 3d, Deputy Surveyor, United States Deputy Surveyors
Under his Contract No. 279, dated July 22nd, 1890.*

*Survey commenced May 17th, 1890.
Survey completed May 19th, 1890.*

*On Payroll No. 600000 ✓
Total 5.79-00 ✓*

NAMES AND DUTIES OF ASSISTANTS.

Gilbert J. Gallois chairman

Edward Murdock

Albert R. Davies moderator

Albert R. Davies advisor

William Kershaw playman

For preliminary affidavits see book "B" T.4 S.R.9 W.

BOOK A-313

INDEX DIAGRAM.

Township _____, *Range* _____

6	5	4	3	2	1
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30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

WE, _____ and _____
 do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of _____

, Chainman.

, Chainman.

Subscribed and sworn to before me this _____ }
 day of _____, 189 }



WE, _____ and _____
 do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of _____

, Moundman.

, Moundman.

Subscribed and sworn to before me this _____ }
 day of _____, 189 }



WE, _____ and _____
 do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of _____

, Axman.

, Axman.

Subscribed and sworn to before me this _____ }
 day of _____, 189 }



I, _____, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of _____

, Flagman.

Subscribed and sworn to before me this _____ }
 day of _____, 189 }



WEST BOUNDARY T.3 S.R.9W.U.S.G.& M.

CHAINS

Survey commenced May 17, 1904, and executed with the instrument described in Book "B" of this survey. I know the instrument to be an adjustment, from recent tests made at the standard corner of Tps. 4 S. Rgs. 9 and 10 W. May 13th. and 14th., and recorded in Book "B" of this survey.

At the cor. of Tps. 3 and 4 S. Rgs. 9 and 10 W. previously described. At 7h. a.m.l.m.t. I set off $40^{\circ}11'$ N. on lat. arc; $19^{\circ}20'N.$ on decl. arc, and determine a true meridian with the solar; thence I run

N. on W. bdy. of Tp. bet. secs. 31 and 36
Asc. over mountainous land, through dense young aspen, sage and serviceberry brush.

2.00 Ridge bears NW. and SE.

Desc.

20.00 Leave aspen, bear E. and W.

40.00 In hollow, course E.

Set a sandstone 15x10x8 ins. 10 ins. in ground for $\frac{1}{4}$ sec. cor.; mkd. $\frac{1}{2}$ on N. face; and raise a mound of stone 2 ft. ft. base $1\frac{1}{2}$ ft. high W. of cor.

63.00 Ridge bears E. and W.

Desc.

80.00 Set a sandstone 15x10x6 ins. 10 ins. in the ground,

for cor. of secs. 25-30-31 and 36,

mkd. 5 notches on N. and 1 notch on S. edge, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.

Land mountainous.

Soil loam and stony; 2nd. and 3rd. rate.

Timber young aspen.

Mountainous land dense timber, covered with dense undergrowth. 80.00 chs.

N. bet. secs. 25 and 30

Desc. over mountainous land, through dense oak, squaw and sarvis brush.

WEST BOUNDARY T.5 S.R.9 W.U.S.B.& M.

CHAINS 26.00	Steep descent. Enter scattering aspen bears E. and W.
40.00	Set a sandstone 14x12x6 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; from which An aspen 4 ins. in diam. bears E. 10 lks. dist. mkd. $\frac{1}{4}$ S 30 B T.
	An aspen 4 ins. in diam. bears S. 10° W. 15 lks. dist. mkd. $\frac{1}{4}$ S. 25 B T.
50.15	Deep Canon 1000 ft. deep, course E. Asc.
50.55	Road E. and W.
	Leave timber bears E. and W.
63.00	Sandstone 20 ft. high. bears NE. and SW.
80.00	On ridge bears NW. and SE. Set a sandstone 16x12x8 ins. 11 ins. in the ground, for cor. of secs. 19-24-25 and 30, mkd. 4 notches on N. and 2 notches on S. edge, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Land mountainous. Soil stony 3rd. and 4th. rate. Timber scattering aspen. Mountainous land, , covered with dense undergrowth. 80.00 chs.
	N. bet. secs. 19 and 24 Desc. over mountainous land, through dense oak, sage and service berry brush.
40.00	Set a sandstone 18x12x6 ins. 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
63.50	Upper road bears NE. and SW. In hollow course SE. Asc.
73.00	Spur projects SE. Desc.
80.00	In hollow 80 ft. below spur, course SE.

WEST BOUNDARY T.3 S.R.9 W.U.S.B.& M.

CHAINS	<p>Set a sandstone 18x12x8 ins. 12 ins. in the ground, for cor. of secs. 13-18-19 and 24, mkd. 3 notches on N. and 3 notches on S. edge, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Land mountainous.</p> <p>Soil loam and stony; 2nd, and 3rd. rate. No timber.</p> <p>Mountainous land covered with dense undergrowth. 80.00 chs. May 17, at this cor. I set off $19^{\circ}22'N$ on decl. arc; and 11h.56m. a.m. l.m.t. observe the sun on the meridian; the resulting lat. is $40^{\circ}13'N$.</p> <hr/> <p>N. bet. secs. 13 and 18</p> <p>Anc. over mountainous land, through dense oak, sage and service berry brush.</p> <p>8.00 Spur projects SE.</p> <p>Desc.</p> <p>20.00 Hollow SE.</p> <p>Anc.</p> <p>35.00 Ridge bears E. and W. 400 ft. above sec. cor.</p> <p>Desc.</p> <p>40.00 Set a sandstone 14x10x8 ins. 10 ins. in the ground, for $\frac{1}{2}$ sec. cor., mkd. $\frac{1}{2}$ on W. face, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.</p> <p>65.00 Ravine 400 ft. below ridge, course NE.</p> <p>Anc.</p> <p>80.00 On S. side of spur 100 ft. above ravine set a sandstone 18x12x6 ins. 12 ins. in the ground, for cor. of secs. 7-12-13 and 18,</p> <p>mkd. 2 notches on N. and 4 notches on S. edge, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Land mountainous.</p> <p>Soil stony; 3rd. rate.</p> <p>No timber.</p> <p>Mountainous land covered with dense undergrowth. 80.00 chs.</p>
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WEST BOUNDARY T.3 S.R.9 W.U.S.B.& H.

CHAINS	N. bet. secs. 7 and 12 Asc. over mountainous land, through dense oak, squaw and serviceberry brush.
8.00	Spur projects NE.
11.00	Desc.
21.00	Swamp bears E. and W. In ravine 250 ft. deep, course NE. Asc.
40.00	Set a sandstone 15x12x10 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
54.70	Ridge bears E. and W. Desc.
73.00	Ravine 75 ft. deep, course E. Asc.
77.00	Spur projects E.
80.00	Set a sandstone ~~~~ 20x12x8 ins. 15 ins. in the ground for cor. of secs. 1-6-7 and 12, mkd. 1 notch on N. and 5 notches on S. edge, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Land mountainous.. Soil stony; 3rd. rate. No timber. Mountainous land covered with dense undergrowth. 80.00 cha.
	N. bet. secs. 1 and 6 Desc. over mountainous, ^{land} through dense sage and oak brush.
20.00	Enter Currant Creek bottom and dense willows.
25.00	Water Hollow; Creek 8 lks. wide, course E.
38.50	Currant Creek 50 lks. wide; course SE.
40.00	Set a sandstone 16x12x6 ins. 11 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.

WEST BOUNDARY T.3 S.R.9 W.U.S.B.& M.

Chains. 40.50 Road bears NW. and SE.
41.30 Currant Creek 50 lks. wide, course SW.
43.20 Currant Creek 50 lks. wide, course SE.
Leave willows and bottom; enter dense sage and oak brush.
Ascend.
64.00 Knoll on ridge, bears NE. and SW.; descend.
80.00 Set a sandstone 18x12x10 ins. 12 ins. in the ground for
cor. of Tps. 2 and 3 S.Rgs. 9 and 10 W.; marked
2 S on NE.
9 W on SE.
3 S on SW, and
10 W on NW face; with 6 notches on each edge; and
raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high S. of cor.
Land mountainous.
Soil loam and stony; 1st and 3d rate.
No timber.
Mountainous land covered with dense undergrowth 80.00 chs.

May 17, 1904.

NORTH BOUNDARY T.3 S.R.9 W.U.S.B.& M.

.....000.....

Survey commenced May 18, 1904, and executed with the instrument described in book "B" of this survey. I know the instrument to be in adjustment from recent tests made at the standard cor. of Tp. 4 S.Rs. 9 and 10 W. May 13th and 14th, and recorded in book "B" of this survey. At the cor. of Tps. 2 and 3 S.Rs. 8 and 9 W.; on Second Guide Meridian West, which is a cobblestone 6x8x16 ins. above ground firmly set and marked and witnessed as described by Deputies Swan and Ferron under their contract No. 278, at 7 h. 0 m. a.m. l.m.t. I set off $49^{\circ}16'$ N. on lat. arc; $19^{\circ}33\frac{1}{2}'$ N. on decl. arc; and determine a true meridian with the solar. Thence I run West on a random line along N.bdy. of Tp. 37 S.Rs. 9 W.

NORTH BOUNDARY OF T.3 S.R.9 W.U.S.B.& M.

Chains.

setting temp. $\frac{1}{4}$ sec.and sec.cors.at intervals of 40.00 chs.;and at 479.00 chs.intersect N.and S.line 84 lks.S. of the cor.of Tps.2 and 3 S.Rs.9 and 10 W.,heretofore described.

The falling answers to a correction of 14 lks.or 6'N. per mile, counting from the NE.cor.of the Tp.

May 18, 1904.

May 19: At the cor.of Tps.2 and 3 S.Rs.9 and 10 W., heretofore described I set off $40^{\circ}16'N.$ on lat.arc; $19^{\circ}47'N.$ on decl.arc;and at 7 h.0 m.a.m.l.m.t.determine a true meridian with the solar;thence I run

S. $89^{\circ}57'E.$ on N.bdy.of Tp.betsecs.6 and 31 Ascending over mountainous land;through dense oak,sage and service berry brush.

4.00 Spur ridge bears N. $10^{\circ}E.$ and S. $20^{\circ}W.$;descend.

15.00 Ravine 150 ft.deep, course SW.;ascend.

20.00 Broken ledges bear N.and S.

31.00 Leave ledges bear N.and S.

39.00 Set a sandstone 16x10x8 ins.11 ins.in the ground for $\frac{1}{4}$ sec.cor.,marked $\frac{1}{4}$ on N.face;and raise a mound of stone 2 ft.base $1\frac{1}{2}$ ft.high N.of cor.

56.00 Ridge bears N.and S.,450.ft.above ravine.

69.00 Enter scattering cedar and pinon pine,bears N.and S.

79.00 Set a sandstone 14x10x6 ins.9 ins.in the ground for cor. of secs.5,6,31, and 32;marked 5 notches on E.and 1 notch on W.edge;from which

A cedar 8 ins.diam.bears N. $55\frac{1}{2}^{\circ}W.$.23 lks.dist.

marked T 2 S R 9 W S 36 B T

No other bearing trees within limits;raise a mound of stone 2 ft.base, $1\frac{1}{2}$ ft.high N.of cor.

Land mountainous.

Soil stony;3d rate.

Timber scattering cedar and pinon pine.

Mountainous land,covered with dense undergrowth 79.00 chs

NORTH BOUNDARY T.3 S.R.9, W.U.S.B.& M.

CHAINS	
	S. $89^{\circ}57'E$. bet. secs. 5 and 32
	Desc. over mountainous land, through dense oak, sage and service brush, and scattering cedar and timber.
8.00	Ravine 400 ft. deep, course SE. Leave cedars and pinon bear N. and S. Asc.
40.00	Set a sandstone 20x8x8 ins. 15 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.
40.50	Top of spur projects N. $20^{\circ}E$. Desc.
51.00	Enter heavy cedars and pinon bear NW. and SE.
60.00	Leave timber bear N. $30^{\circ}E$. and S. $30^{\circ}W$.
80.00	Set a sandstone 15x12x8 ins. 10 ins. in the ground, for cor. of secs. 4-5-32 and 33, marked with 4 notches on E. and 2 notches on W. edge, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Land mountainous. Soil stony 3rd, and 4th. rate. Timber heavy and scattering cedar and pinon. Mountainous land heavy timbered, covered with dense undergrowth. 80.00 chs.
	S. $89^{\circ}57'E$. bet. secs. 4 and 33
	Asc. over mountainous land, through dense oak, sage and service berry brush.
24.00	Ridge bears NW. and SE. Desc.
40.00	Set a sandstone 15x9x6 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.
63.50	Dry wash 50 ft. wide 25 ft. deep, 200 ft. below ridge, course SE. Asc.

NORTH BOUNDARY T.3 S.R.9 U.S.B.&M.

CHAINS 80.00	Set a sandstone 15x14x6 ins. 10 ins. in the ground, for cor. of secs. 3-4-33 and 34, mkd. 3 notches on E. and 3 notches on W. edge, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Land mountainous. Soil stony; 3rd. rate. No timber. Mountainous land covered with dense undergrowth. 80.00 chs. May 19, at this cor. I set off $19^{\circ}48\frac{1}{2}'$ N. on decl. arc; and 11h. 56m.a.m.l:m.t. observe the sun on the meridian; the resulting lat. is $40^{\circ}16'$ N.
28.00	S. $89^{\circ}57'$ E. bet. secs. 3 and 34 Asc. over mountainous land, through dense oak, sage and service berry brush.
39.25	Enter heavy cedar and pinon, bears N. and S., and broken sandstone ledges.
40.00	Spur projects SE. Leave ledges bear NW. and SE. Set a sandstone 14x8x8 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; from which A cedar 24 ins. in diam. bears N. 10° E. 24 lks. dist. mkd. $\frac{1}{4}$ S 34 B T. A pinon 4 ins. in diam. bears SE. 5 lks. dist. mkd. $\frac{1}{4}$ S 3 B T.
60.00	Hollow course SE. Asc.
80.00	Set a sandstone 15x10x4 ins. 10 ins. in the ground, for cor. of secs. 2-3-34 and 35, mkd. 2 notches on the E. and 4 notches on W. edge; from which A cedar 9 ins. in diam. bears N. 73° E. 40 lks. dist. mkd. T 2 S R 9 W S 35 B T. A cedar 8 ins. in diam. bears S. 74° E. 55 lks. dist. mkd. T 3 S R 9 W S 2 B T.

NORTH BOUNDARY T.3 S.R.9 W.U.S.B.& M.

CHAINS	A cedar 30 ins. in diam. bears S. $10^{\circ}W$. 25 lks.dist. mkd. T 3 S R 9 W S 3 B T.
	A cedar 9 ins. in diam. bears N. $21\frac{1}{2}^{\circ}W$. 67 lks.dist. mkd. T 2 S R 9 W S 34 B T.
	Land mountainous.
	Soil stony; 3rd. and 4th. rate.
	Timber cedar and pinon.
	Mountainous land heavy timber and dense undergrowth.
	80.00 chs. _____
	S. $89^{\circ}57' E$. bet. secs. 2 and 35
	Asc. over mountainous land, through heavy cedar and pinon timber.
1.00	Leave timber, bears NW. and SE..
	Enter dense oak. sage and serviceberry brush.
22.00	Ridge bears NW. and SE.
	Desc.
40.00	Set a sandstone cor. 15x12x8 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.
48.00	Grass Hollow, dry wash in bottom 1 ch. wide 25 ft. deep, course SE.
	Asc.
74.00	Dry wash 50 lks ^{wide} 15 ft. deep, course SE.
80.00	Set a limestone 15x12x4 ins. 10 ins. in the ground, for cor. of secs. 1-2-35 and 36, marked with 1 notch on E. and 5 notches on W. edge, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.
	Land mountainous.
	Soil stony; 3rd. and 4th. rate.
	Timber cedar and pinon.
	Mountainous land heavy timber, and dense undergrowth.
	80.00 chs. _____

NORTH BOUNDARY T. 3 S.R.9 W.U.S.B.& M.

CHAINS	
	S. $89^{\circ}57'$ E. bet. secs. 1 and 36
26.00	Elbow in Grass Hollow 100 ft. deep, course from NE to SE.
40.00	Set a sandstone 16x10x4 ins. 11 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.
60.00	Enter heavy cedar and pinon, bears NW. and SE.
69.00	Ridge bears NW. and SE.
	Desc.
80.00	Intersect 2d. Guide Mer. West at cor. Tps. 2 and 3 S. Rgs. 8 and 9 W.
	Land mountainous.
	Soil stony; 3rd. rate.
	Timber cedar and pinon.
	Mountainous land heavy timber, covered with dense undergrowth. 80.00 chs.

May 19, 1904.

For general description see subdivision of this Tp.

Byron S. Kershaw
U.S. Deputy Surveyor.

There being no notary public or other officer authorized to administer oaths, within a reasonable distance, at the beginning or ending of this survey, therefore to save time and expense I administer the preliminary and final oaths myself.

Byron S. Kershaw
U.S. Deputy Surveyor.

BOUNDARIES OF TOWNSHIP 3 S., R.9 W., U.S.P.S.M.

Latitude, Departures, and Closing Errors.

Line Designated	True Bearing	Distance chs.	Latitude N. chs.	Latitude S. chs.	Departure E. chs.	Departure W. chs.
W.E. T.3S., R.9W.	S.89°57'W.	479.35		.42		479.35
" " "	North	480.00	480.00			
" " "	S.89°57'E.	479.00		.42	479.00	
" " "	South	480.00		480.00		
AVG. DEPARTURE					.61	
total		480.00	480.34	479.61	479.35	
CLOSING IN latitude and departure.			480.00	479.35		
			.84	.26		

Before S. Kerehau
U.S. Deputy Surveyor.

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.**LIST OF NAMES.**

A list of the names of the individuals employed by _____

_____, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____

showing the respective capacities in which they acted:

_____, *Chainman.*

For final affidavits see book "L" T.4 S.R.11 W. _____, *Chainman,*

_____, *Moundman.*

_____, *Moundman.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____

_____, United States Deputy Surveyor, in surveying all those parts or portions of the _____

of the _____

meridian, _____ of _____, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for _____

For final affidavits see book "L" T.4 S.R.11 W. _____, *Chainman.*

_____, *Chainman.*

_____, *Moundman.*

_____, *Moundman.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

Subscribed and sworn to before me this _____
day of _____, 189 _____ }



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyor, solemnly swear that, in pursuance of a contract received from _____, United States Surveyor General for _____, bearing date of _____ day of _____, 189_____, I have well, faithfully, and truly, in my proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for _____, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____.

For final affidavit see book "L" T.4 S.R.11 W.

.....of the.....
..... meridian, in the..... of....., which are represented in foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General forand in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

United States Deputy Surveyor

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 189 }

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, December 20, 189____

The foregoing field notes of the survey of the West and North Boundaries of Township No. 3 South, Range No. 9 West of the Uintah Special Base and Meridian, Utah

executed by Hubert D. Page and Byron S. Kershaw
under their contract No. 279, dated July 22, 1903, having been critically examined, and the necessary corrections and explanations made, the said field notes, and surveys they describe, are hereby approved.

Edward M. Rudeberg
United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

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BOOK A-313

D.

FIELD NOTES

OF THE SURVEY OF THE

W.M.

Subdivision
 of
 Township No. 4 South,
 Range No. 9 West.

of the United Spherical Base and Meridian,
 In the state of Utah.

AS SURVEYED BY

Hubert D. Page & Beyond Kershaw, United States Deputy Surveyor,
 Under his Contract No. 279, dated July 22nd, 18903.
 Survey commenced May 17th, 18904.
 Survey completed May 28th, 18904.

6-151

High 60-01-47 ✓

NAMES AND DUTIES OF ASSISTANTS.

Arthur St. Roach Chairman

William C. Brown

John C. Clegg Grand man

John C. Clegg Admiral

Harold Wagner Flagman

BOOK A-313

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Meanders Page

PRELIMINARY OATHS OF ASSISTANTS.

WE, Archie D. Ryan and William C. Cowin,

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of Subdivisions of Secs 1, 2, 3, 4, S. R. 9th and 10th W. R. 10th of the Uintah special base and meridian, state of Utah.

Archie D. Ryan, Chainman.

William C. Cowin, Chainman.

Subscribed and sworn to before me this 17th
day of May, 1890 {



Nubert D. Payte,
U.S. Deputy Surveyor

WE, Harry C. Crozier and

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of Subdivision of Secs 1, 2, 3, 4, S. R. 9th and 10th W. R. 10th of the Uintah special base and meridian, state of Utah.

Harry C. Crozier, Moundman.

Harry C. Crozier, Moundman.

Subscribed and sworn to before me this 17th
day of May, 1890 {



Nubert D. Payte,
U.S. Deputy Surveyor

WE, Harry C. Crozier and

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of Subdivisions of Secs 1, 2, 3, 4, S. R. 9th and 10th W. R. 10th of the Uintah special base and meridian, state of Utah.

Harry C. Crozier, Axman.

Harry C. Crozier, Axman.

Subscribed and sworn to before me this 17th
day of May, 1890 {



Nubert D. Payte,
U.S. Deputy Surveyor

I, Hermon Wagner, do solemnly swear that I will well and truly

perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of Subdivision of Secs 1, 2, 3, 4, S. R. 9th and 10th W. R. 10th of the Uintah special base and meridian, state of Utah.

Hermon Wagner, Flagman

Subscribed and sworn to before me this 17th
day of May, 1890 {



Nubert D. Payte,
U.S. Deputy Surveyor

SUBDIVISION OF T.4.S.R.9 W.U.S.B.& M.

Survey commenced May 17, 1904, and executed with a W. & L.E.Gurley light mountain transit, No.----, with solar attachment; the horizontal limb is provided with two double verniers placed opposite to each other reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

The instrument was examined, tested on the true meridian at Salt Lake City, found correct and was approved by the surveyor general Sept. 19, 1903.

I examine the adjustments of the transit, and find them correct; then to test the solar apparatus by comparing its indications resulting from solar observations, made during p.m. and a.m. hours, with a meridian determined by Polaris observations; I proceed as follows:

At the standard cor. of sec. 35 and 36 on S. bdy. of Tp.4 S.R.9 W. heretofore described, at 4h.00m. p.m. l.m.t. I set off $40^{\circ}05\frac{1}{2}'N.$ on lat. arc; $19^{\circ}25'W.$ on decl. arc, and determine a true meridian with the solar and mark a point thereof on a stone firmly set in the ground 5 chs. N. of my station.

At 9h.42m. p.m. l.m.t. I observe Polaris at lower culmination in accordance with Manual of Instruction, the meridian thus determined falls on a pole set on the mark determined by p.m. solar observation; May 17, 1904. May 18, at 7h. a.m. l.m.t. I set off $40^{\circ}05\frac{1}{2}'N.$ on lat. arc; $19^{\circ}33\frac{1}{2}'N.$ on decl. arc; and determine a true meridian with the solar; the meridian thus determined falls on the pole set on the mark determined by p.m. solar and Polaris observations.

The solar apparatus by p.m. and a.m. hours defines position for meridian same as Polaris observation; therefore, I conclude that the adjustments of the instrument are correct.

The magnetic bearing of the true meridian at 7h. 30m. a.m. l.m.t. is N. $17^{\circ}W.$; the angle thus determined gives

SUBDIVISION OF T.4 S.R.9 W.U.S.B.& M.

CHAINS	
	the magnetic decl. E17°E.
	From the corner already described, I run
	N. 0°01'W. bet. secs. 35 and 36
	Asc. over mountainous land, through scattering mahogany timber and dense undergrowth.
2,00	Ridge bears NE. and SW.; desc.
40.00	Set a limestone 14x10x8 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{2}$ on W. face; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
42.00	Ravine 500 ft., course E.
80.00	Set a limestone 18x12x4 ins. 12 ins. in the ground, for cor. of secs. 25, 26, 35, and 36 mkd. 1 notch on E. and 1 notch on S. edge; from which A mahogany 4 ins. in diam. bears N. 15°E. 20 lks. dist. mkd. T.4 S.R.9 W.S 25 B.T.
	A cedar 6 ins. in diam. bears S. 20°E. 8 lks. dist. mkd. T.4 S.R.9 W.S. 36 B.T.
	A mahogany 5 ins. in diam. bears S. 25°W. 15 lks. dist. mkd. T.4 S.R.9 W.S. 35 B.T.
	A mahogany 7 ins. in diam. bears N. 25°W. 15 lks. dist. mkd. T.4 S.R.9 W.S. 26 B.T.
	Land mountainous.
	Soil stony; 4th. rate.
	Timber mahogany.
	Mountainous land covered with dense undergrowth, and heavily timbered. 80.00 chs.

SUBDIVISION OF T.4 S.R.9 W.U.S.B.&M.

- Chains E.on a random line bet. secs.25 and 36.
- 40.00 Set temp. $\frac{1}{4}$ sec.cor.
- 80.20 Intersect Second Guide Mer. West 10 lks.S. of the cor. of secs.25-30-31 and 36, which is a sandstone 5x12x4ins. above ground firmly set and mkd.and witnessed as described under contract 278, Swan and Ferron,U.S.Dep.Surveyors.
- Thence I run
- S.89°56' W.on a true line bet. secs.25 and 36.
- Descend over mountainous land; through heavy cedar and pine timber.
- 15.00 Ravine 150 ft. deep, course SE.; ascend
- 40.10 Set a limestone shale 24x14x4 ins. 10ins.in the ground, for $\frac{1}{4}$ sec.cor., mkd. $\frac{1}{4}$ on N.face; from which
- A pine 12ins.in diam.bears S.10° E.26lks.dist.
mkd. $\frac{1}{4}$ S.36 B T.
- A pine 18ins.in diam.bears N.45°W.40lks.dist.
mkd. $\frac{1}{4}$ S 25 B.T.
- 45.00 Spur projects SE.; descend
- 70.00 Ravine 200ft.deep course SE.; ascend
- 80.20 The cor. of secs.25-26-35 and 36.
- Land mountainous.
- Soil stony; 4th. rate.
- Timber cedar and pine.
- Mountainous land covered with heavy timber. 80.20 chs.
- N.0°01'W.bet.secs.25 and 26; descend over mountainous land; through heavy cedar and pine timber..
- 8.00 Ravine 50ft.below cor.course SE.; ascend through scattering timber.
- 35.00 Ridge.bears NE.SW.; descend through dense brush.
- 40.00 Set a limestone 14x8x6ins.10ins.9. ing.in ground; for $\frac{1}{4}$ sec. cor.; mkd. $\frac{1}{4}$ on W.face; and raise on mound of stone 2.ft. base. $1\frac{1}{2}$ ft high W.of cor.
- 65.00 Ravine 500ft.deep course NE.; ascend.
- 80.00 Set a sandstone 15x12x5 ins.10 ins.in the ground mkd. with 1 notch on the E. and $\frac{1}{2}$ w notches on S.edges.

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SUBDIVISION OF T.4 S.R.9 W.U.S.B.&M.

CHAINS	for cor. of secs. 23-24-25-26; from which A pine 4ins.in diam.bears N.10°E.40lks.dist. mkd.T,4 S,R,9 W,S,24 B,T. A pine 5 ins.in diam. bears S.20°E.41 lks.dist. mkd.T,4,S,R,9 W,S,25 B,T. A pine 8 ins. in diam. bears S. 5° W.30 lks.dist. mkd. T,4 S,R,9 W, S,26 B,T. A pine 4. ins. in diam. bears N. 65°W.16 lks. dist. mkd.T 4 S R 9 W S 23 B T Land mountainous. Soil stony;3rd.and 4th.rate.. Timber scattering cedar and pine,dense undergrowth. Mountainous land. 80.00 chs.
40.00	N. 89°56'E.on a random line betsecs.24 and 25. Set temp. at sec.cor.
80.28	Intersect 2d.G.N.W. 32 lks.N.of the cor.of secs. 19-24-25 and 30; which is shale rock 5x10x3 ins.above ground firmly set mkd.and witnessed as described under contract No 278, by Deputies Swan and Ferron. May 18,at this cor.I set off 19°35½'N. on decl.arc; and 11 h.56 m.a.m.l.m.t.observe the sun on the meridian; the resulting lat.is 40°7'N.
	Thence I run N.89°50'W. on a true line.betsecs.24 and 25.
	Descend over mountainous land; through heavy cedar,pine and mahogany timber.
8.00	Ravine 300ft.deep course N.;ascend
33.00	Spur projects NE.;desc.
40.14	Set cedar post 3 ins.sq.3 ft.long 2 ft.in the ground for $\frac{1}{4}$ sec.cor.mkd. $\frac{1}{4}$ S.24 on N.face, and 25 on S. face from which A balsam 4 ins. in diam, bears S.47°W.16 lks.dist mkd. $\frac{1}{4}$ S 25 B,T. A balsam 6 ins.in diam.bears N.10°W.16 lks.dist. mkd. $\frac{1}{4}$ S 24 B T.

SUBDIVISION OF T.4 S.R.9 E.U.S.P.A.M.

CHAINS

- 53.50 Ravine, 400ft. deep course NE.; asc.
80.28 The cor. of secs. 23-24-25 and 26.
Land mountainous.
Soil stony, 3rd. and 4th. rate.
Timber cedar pine and mahogany.
Mountainous land and heavily timbered. 80.28 chs.
-
- N.0°01'W. bet. secs. 23 and 24.
Asc. over mountainous land, through scattering pines and dense deerbrush.
- 12.00 Ridge bears NE. and SW. leave timber; desc.
40.00 Set a sandstone cobble 18x12x6 ins. 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; and raise mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
44.00 Enter heavy pines and cedar timber.
60.00 Top of cliffs and ledges 300 ft. high, bear NE. and SW.
75.00 Strawberry River 50 lns. wide in canon 1500 ft. deep course E. leave ledges and cliffs.
80.00 Set a sandstone 16x12x3 ins. 11 ins. in the ground for the cor. of secs. 13-14-23-24, mkd. 1 notch on the E. and 3 notches on the S. edge; from which
A pinon pine 6 ins. in diam. bears N.25°E. 15 lns. diam.
mkd. T 4 S R 9 W S 13 B T.
A cedar 15 ins. in diam. bears S.40°E. 23 lns. diam.
mkd. T 4 S R 9 W S 24 B T.
A cedar 7 ins. in diam. bears S.10°W. 46 lns. diam.
mkd. T 4 S R 9 W S 23 B T.
A pine 10 ins. in diam. bears N.25°W. 17 lns. diam.
mkd. T 4 S R 9 W S 14 B T.
Land mountainous.
Soil stony, 4th. rate.
Timber cedar and pine.
Mountainous land, heavy timber, dense undergrowth. 80.00 chs.
-

SUBDIVISION OF T.4 S.R.9 W.U.S.B.&M.

CHAINS	S.89°50' E on random line bet. secs. 13 and 24
40.00	Set a temp. $\frac{1}{4}$ sec. cor.
80.08	Intersect 2d. G.M. W77 lks. S. of the cor. of the secs. 13-18-19 and 24, which is a limestone 6x10x5 ins. above ground firmly set, mkd. witnessed as described under contract No. 278, by Deputies Swan and Ferron. Thence I run;
	N. 89°53' W. on a true line bet. secs. 13 and 24.
	Desc. over mountainous land; through heavy cedar and pinon pine timber.
36.50	Strawberry River 60 lks. wide, in canon 1500 ft. deep, a course SE. Leave timber.
40.04	Set a limestone 14x8x6 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; raise mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.
45.00	Spur projects N. E. desc.
52.00	Strawberry River 60 lks. wide, course SW. asc. through heavy pines and cedar.
80.08	The cor. of secs. 13-14-23 and 24. Land mountainous. Soil stony, 4th. rate. Timber cedar and pinon pine. Mountainous land covered with heavy timber. 80.08 chs.

May 18, 1904.

May 19, at 7 h.a.m.l.m.t. I set off 40°08' N. on lat. arc; 19° 47' N. on decl. arc; and determine a true meridian, with the solar at cor. of secs. 13-14-23-and 24; thence I run N. 0° 01' W. bet. secs. 13 and 14.
Asc. over mountainous land; through heavy cedar and pinon pine timber.
40.00 Set a sandstone 12x6x4 ins. 8 ins. in the ground, for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{4}$ on W. face; from which
A pine 22 ins. in diam. bears N. 30° E. 20 lks. dist.
mkd. $\frac{1}{4}$ S 13 B T.
A pine 14 ins. in diam. bears N. 40° W. 30 lks. dist.

SUBDIVISION OF T.4 S.R.9 W.U.S.B.&M.

CHAINS M. mkd. $\frac{1}{4}$ S. 14. B T.

66.00 Saddle in ridge bears N.50° W. and S.50° E.; ridge bears N.50° E. and S. 50° W.; desc.

76.25 Ravine 200 ft. deep, course S.40° W.; asc.

80.00 Set a sandstone 16x8x6 ins. 11 ins. in the ground, for cor. of secs. 11-12-13 and 14, mkd. 1 notch on the E. and 4 notches on the S. edges; from which

A pine 18 ins. in diam. bears N.70° E. 29 lks. dist.

mkd. T 4 S R 9 W S 12 B T.

A pine 10 ins. in diam. bears S. 36° E. 53 lks. dist.

mkd. T 4 S R 9 W S 13 B T.

A pine 20 ins. in diam. bears S.30° W. 44 lks. dist.

mkd. T 4 S R 9 W S 14 B T.

A pine 24 ins. in diam. bears N. 29° W. 34 lks. dist.

mkd. T 4 S R 9 W S 11 B T.

Land mountainous.

Soil stony; 4th. rate.

Timber cedar and pinon pine.

Mountainous land covered with heavy timber. 80.00 chs.

S. 89° 53' E. on a random line. bet. secs. 12 and 13.

40.00 Set a temp. at $\frac{1}{4}$ sec. cor.79.88 Intersect 2nd. Q.M.W. 5 lks. N. of cor. to secs. 7-12-13 and 18, which is a limestone 12x8x6^{ins.} above ground, firmly set mkd. and witnessed as described under contract No. 278, by Dept. of Utilities Swan and Ferron.

N.89°55' W. on a true line bet. secs. 12 and 13 asc. over broken mountainous land; through heavy cedar and pinon pine timber.

39.94 Set a limestone 18x10x6 ins. 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; from which

A pinon pine 6 ins. in diam. bears N.25° E. 15 lks. dist.

mkd. $\frac{1}{4}$ S 12 B T.

A pinon pine 10 ins. in diam. bears S. 15° W. 20 lks. dist.

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SUBDIVISION OF T.4 S.R.9 W.U.S.B. & M.

CHAINS	mkd. $\frac{1}{4}$ S 13 B T.
70.00	Ridge bears NE. and SW.; desc.
76.50	Ravine 200 ft. deep, course SW.
79.88	The cor. of secs. 11-12-13-and 14. Land mountainous. Soil stony; 4th. rate. Timber cedar and pinon pine. Mountainous land heavy timber. 79.88 chs.
	N. 0°01'W:betsecs.11 and 12. Asc. over broken mountainous land; through heavy cedar and pinon pine timber.
35.00	Ridge bears NE. and SW.
39.00	Set a sandstone 26x18x10 ins. 20 ins. in the ground, for witness cor, to $\frac{1}{4}$ sec.cor.mkd. W.C. $\frac{1}{4}$ on W.face; from which A pine 12 ins. in diam.bears S. 78° E. 68 lks.dist. mkd. W C $\frac{1}{4}$ S 12 B T A pine 10 ins. in diam. bears S. 76° W. 17 lks.dist. mkd. W C $\frac{1}{4}$ S 11 B T
40.00	The point for $\frac{1}{4}$ sec.cor.falls in steep slide rock: not set.
58.00	Ravine 200 ft. deep, course S. 30° W.; asc.
80.00	Set a sandstone 18x12x5 ins. 12 ins. in the ground, for cor. to sec. 1-2-11-and 12, mkd. 1 notch on the E. and 5 notches on the S.edges; from which A pine 15 ins. in diam. bears N. 55° E. 4 lks.dist. mkd. T 4 S R 9 W S 1 B T. A pine 12 ins. in diam. bears S. 52° E. 29 lks.dist. mkd. T 4 S R 9 W S 12 B T. A pine 15 ins. in diam. bears S. 46° W. 76 lks. dist. mkd. T 4 S R 9 W S 11 B T. A cedar 12 ins. in diam. bears N. 10° W. 24 lks.dist. mkd. T 4 S R 9 W S 2 B T.
	Land mountainous.

SUBDIVISION OF T.4 S.R.9 W.U.S.B.&M.

CHAINS	Soil stony; 4th.rate. Timber cedar and pinon pine. Mountainous land covered with heavy timber, 80.00 chs. May 19, at this cor. I set off $19^{\circ}48\frac{1}{2}'$ on decl.arc, and 11 h.56 m.a.m.l.m.t. observe the sun on the meridian; the resulting lat. is $40^{\circ}10'$ N.
	S.89°55'E.on a random line bet. secs.1 and 12; Desc. over mountainous land.
40.00	Set a temp. $\frac{1}{4}$ sec.cor..
80.02	Intersect 2nd.G.M.W.5 lks.S.of the cor.of secs.1-6-7 and 12, which is a sandstone 12x5x4 ins.above ground firmly set mkd. and witnessed as described under contract No.278, By Deputies Swan and Ferrell. Thence I run N.89°57'W.betsecs.1 and 12 on a true line asc. over mountainous land; through dense oak and sage brush, and scattering aspen.
10.40	Enter heavy mahogany timber,bears N.and S.
11.25	Spur projects N;desc.
14.00	Leave timber, bears N. and S.
24.30	Ravine 200 ft. deep, course N.;asc.
35.50	Spur projects N.;desc.
40.01	Set a sandstone 18x10x5 ins.12 ins. in the ground,for $\frac{1}{4}$ sec.cor.,mkd. $\frac{1}{4}$ on N. face;and raise a mound of stone 2ft. base $\frac{1}{2}$ ft.high N. of cor.
42.00	Hollow.course N.; asc.
48.00	Ridge bears NW.and SE.;desc.
48.50	Enter heavy cedar and pines,bear NW.and SE.
76.00	Ravine 400 ft. deep, course S.20° W.;asc.
80.02	The cor. of secs.1-2-11 and 12 Land mountainous. Soil stony;3rd.and 4th.rate. Timber mahogany cedar and pinon pine. Mountainous land covered with heavy timber.or dense un- dergrowth 80.02 chs.

SUBDIVISION OF T.4 S.R.9 W.U.S.B.& M.

CHAINS N.0°01'W.on a random line bet.sec's.1 and 2.
 40.00 Set a temp. $\frac{1}{4}$ sec.cor.
 80.06 Intersect N.bdy.of Tp.5 lks.E.of cor.of sec's.1-2-35 and 36,
 heretofore described. Thence I run
 S.0°03'E.on a true line bet.sec's.1 and 2
 Asc. over broken mountainous land;through dense oak,sage
 and squaw brush.
 40.06 Set a sandstone 18x10x4 ins.12 ins.in the ground,for $\frac{1}{4}$ sec.
 cor.,mkd. $\frac{1}{4}$ on the W.face;;and raised amount of stone 2ft.
 base $1\frac{1}{2}$ ft.high W.of cor.
 62.00 Ridge bears SE.and N.80°W. Enter cedar and pine timber.
 80.06 The cor.of sec's.1-2-11 and 12
 Land mountainous.
 Soil stony;3rd.and 4th.rate.
 Timber cedar and pinon pine.
 Mountainous land covered with heavy timber and dense
 undergrowth. 80.06 chs.

May 19, 1904!

May 20,at 7h.a.m.l.mit.I set off $40^{\circ} 05\frac{1}{2}'W.$ on lat.arc;
 $19^{\circ} 59\frac{1}{2}'N$ on decl.arc;and determine a true meridian,with
 the solar at the standard.cor.of sec's.34 and 35 on S.bdy.
 of Tp.4 S.R.9 W.heretofore described;thence I run
 N.0° 02'W. bet.sec's.34 and 35.
 Asc.over mountainous land;through dense young aspen.
 15.00 Ridge bears NE. and SW.,and enter heavy pine and aspen
 timber.
 40.00 Set a sandstone 18x10x4 ins.12 ins.in the ground for $\frac{1}{4}$ sec.
 cor.,mkd. $\frac{1}{4}$ on W. face.; from which
 An aspen 6 ins. in diam. bears N.45°E.20 lks.dist.
 mkd. $\frac{1}{4}$ S 35 B T.
 A pine 8 ins. in diam.bears S.80°W.25 lks.dist.
 mkd. $\frac{1}{4}$ S 34 B T.
 45.00 Ravine 500 ft. deep,course E.,leave timber;bears E.andW.aso
 75.00 Spur projects SE.,enter dense oak and squaw brush;desc.

SUBDIVISION OF T.4 S.R.9 W.U.S.B.& M.

- CHAINS 80.00 Set a sandstone 15x10x8 ins.10 ins. in the ground,for cor.to secs.26-27-34 and 35,mkd.2 notches on the E. and 1 notch on the S.edge;and raise amount of stone 2 ft. base, $1\frac{1}{2}$ ft.high W.of cor.
- Land mountainous.
- Soil stony;3rd.and 4th. rate.
- Timber aspen cedar and pines.
- Mountainous land covered with timber and dense undergrowth.80.00 chs.
-
- E. on a random line bet. secs.26 and 35
- 40.00 Set a temp. $\frac{1}{4}$ sec.cor.
- 80.06 Intersect N.and S.line 7 lks.N.of the cor.of secs. 25-26-35 and 36;thence I run
- N. $89^{\circ}57'W.$ on a true line,betsecs.26. and 35
- Asc.over mountainous land;through heavy cedar and pine timber.
- 10.00 Spur projects SE.,leave timberbears.NW. and SE.;desc.
- 29.50 Ravine 75 ft.below spur,course SE.; asc.
- 40.00 On spur projects S.
- Set a sandstone 12x7x6 ins.8 ins.in the ground,for $\frac{1}{4}$ sec. cor.,mkd. $\frac{1}{4}$ on N.face;and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft.high N.of cor.;desc.
- 55.50 Ravine 300 ft.deep,course SE.;asc.
- 57.50 Spur projects SE.;desc.
- 59.50 Hollow,course SE.;asc.
- Ascend.
- 80.06 The cor. of secs.26-27-34 and 35
- Land mountainous.
- Soil stony;3rd.and 4th.rate.
- Timber cedar and pines.
- Mountainous land covered with heavy timber and dense undergrowth.80.06 chs.
-

SUBDIVISION OF T.4 S.R.9 W.U.S.B.& M.

CHAINS	
	N. 0° 02' W. bet. secs. 26 and 27
35.00	Desc. over mountainous land; through dense squaw and sage brush Head of hollow, course SE.
40.00	Set a sandstone 15x10x5 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec cor.; mkd. $\frac{1}{4}$ on W. face; and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
47.00	Ridge bears NE. and SW.; desc.
80.00	Set a limestone 12x10x5 ins. 8 ins. in the ground, for a cor. of secs. 22-23-26 and 27, mkd. 2 notches on the E. and 2 notches on the S. edges; and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
	Land mountainous.
	Soil stony; 4th. rate.
	Mountainous land covered with dense undergrowth. 80.00 chs. May 20, at this cor. I set off 20° 01' N. on decl. arc; and 11h. 49m. a.m.l.m.t. observe the sun on the meridian; the resulting lat. is 40° 07' N.
40.00	S. 89° 57' E. on a random line bet. secs. 23 and 26 Set a temp. $\frac{1}{4}$ sec. cor.
80.25	Intersect N. and S. line 19 lks. N. of the cor. of secs. 23-24-25 and 26. Thence I run N. 89° 49' W. on a true line bet. secs. 23 and 26 Asc. over mountainous land; through heavy pine timber.
8.00	Ridge bears NE. and SW.; descend.
28.00	Head of ravine 200 ft. deep, course NE.; asc.
33.50	Spur projects N., leave timber, bears N. and S.; desc.
40.12 $\frac{1}{2}$	Set a sandstone 15x12x6 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
47.00	Enter heavy pine timber, bears N. and S.
65.00	Ravine 350 ft. deep, course N.; asc.
75.00	Leave timber, bears N. 10° E. S. 10° W.
78.00	Ridge bears N. 10° E. & S. 10° W.
80.25	The cor. of secs. 22-23-26 and 27

SUBDIVISION OF T.4 S.R.9 W.U.S.B.& M.

CHAINS	<p>Land mountainous.</p> <p>Soil stony; 3rd. and 4th. rate.</p> <p>Timber pines.</p> <p>Mountainous land covered with heavy timber. 80.25 chs.</p> <hr/>
35.00	<p>N. 0° 02' W. bet. secs. 22 and 23</p> <p>Desc. over mountainous land.</p> <p>Enter scattering pines and oak.</p>
40.00	<p>Set a lime stone 14x12x3 ins. 10 ins. in the ground, for $\frac{1}{2}$ sec. cor., mkd. $\frac{1}{4}$ on the w. face; from which</p> <p>A cedar 6 ins. in diam. bears S. $12\frac{1}{2}$° E. 18 lks. dist. mkd. $\frac{1}{4}$ S 23 B T.</p> <p>An oak 4 ins. in diam. bears S. 54° W. 6 lks. dist. mkd. $\frac{1}{4}$ S 22 B T.</p>
42.00	Dry wash, course W.; asc.
70.00	Spur projects NW.
80.00	<p>Enter heavy pine timber; desc.</p> <p>Set a sandstone 15x12x8 ins. 10 ins. in the ground, for cor. secs. 14-15-22 and 23, mkd. 2 notches on the E. end 3 notches on the S. edges; from which</p> <p>A pinon pine 8 ins. in diam. bears N. 47° E. 33 lks. dist. mkd. T 4 S R 9 W S 14 B T.</p> <p>A cedar 5 ins. in diam. bears S. 31° E. 22 lks. dist. mkd. T 4 S R 9 W S 23 B T.</p> <p>A mahogany 3 ins. in diam. bears S. 10° W. 25 lks. dist. mkd. T 4 S R 9 W S 22 B T.</p> <p>A pinon 10 ins. in diam. bears N 18° W. 58 lks. dist. mkd. T 4 S R 9 W S 15 B T.</p> <p>Land mountainous.</p> <p>Soil stony; 4th. rate.</p> <p>Timber pine, oak and mahogany.</p> <p>Land mountainous 80.00 chs.</p> <hr/>

SUBDIVISION T.4 S.R.9.W.U.S.B.& M.

CHAINS	S. $89^{\circ} 49'$ E. on a random line bet. secs. 14 and 23
40.00	Set a temp. $\frac{1}{4}$ sec. cor.
79.92	Intersect N. and S. line 17 lks. S. of the cor. of secs. 15-14-23 and 24. Thence I run N. $89^{\circ} 56'$ W. on a true line bet. secs. 14 and 23 Desc. over mountainous land; through heavy pine and cedar timber.
15.00	Strawberry River, 50 lks. wide. in ravine 1500 ft. deep, course SE.; asc.
25.00	Cliffs 200 ft. high bears N. and S.
30.00	Top of cliffs bear N. and S.
36.00	Spur projects N. 600 ft. above creek; desc.
39.96	Set a sandstone 16x8x3 ins. 11 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; from which A pine 10 ins. in diam. bears N. 9° E. 65 lks. dist. mkd. $\frac{1}{4}$ S 14 B T. A pine 7 ins. in diam. bears S. 54° E. 77 lks. dist. mkd. $\frac{1}{4}$ S 23 B T.
	In a hollow, course NE.; asc.
66.00	Spur projects N.; desc.
74.00	Ravine 200 ft. deep, course N.
79.50	Spur projects N.; desc.
79.92	The cor. of secs. 14-15-22 and 23 Land mountainous. Soil stony; 4th. rate, Timber cedar, pines and mahogany. Mountainous land covered with heavy timber. 79.92 chs.

May 20, 1904.

May 21, at 7 h. a.m.l.m.t.I set off $40^{\circ} 08'$ off. lat. arc;
 $20^{\circ} 12'$ on decl. arc.; and determine a true meridian, with
the solar at the cor. of secs. 14-15-22 and 23; thence
I run

N. $0^{\circ} 02'$ W. bet. secs. 14 and 15

Desc. over mountainous land, through heavy pines and mahog

SUBDIVISION OF T. 4 S.R. 9 W.U.S.B.&M.L.

CHAINS 27.50	Strawberry River .50 lks. wide, in canon 1500 ft. deep, course E. Leave timber, Enter dense sagebrush; ascend.
39.00	Enter cedar and pinon pines; leave sagebrush.
40.00.	Set a sandstone 30x40x6 ins. 20 ins. in the ground, for $\frac{1}{4}$ sec. cor.; mkd. $\frac{1}{4}$ on W. face; from which A pinon pine 6 ins. in diam. bears S. 70° E. 23 lks. dist. mkd. $\frac{1}{4}$ S 14 B T. A pinon pine 12 ins. in dia. bears N. 89° W. 16 lks. dist. mkd. $\frac{1}{4}$ S 15 B T.
42.00	Spur projects SE.; desc.
65.00	Ravine 200 ft. deep course SE.; asc. through scattering cedar and pines.
80.00	Set a sandstone 15x10x6 ins. 10 ins. in the ground, for cor. of secs. 10-11-14 and 15; mkd. 2 notches on the E., and 4 notches on S. edges; and raise amount of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land mountainous. Soil stony; 3rd. and 4th. rate. Timber pine, mahogany, cedar and pinon. Mountainous land covered with heavy timber, and dense undergrowth. 80.00 chs.
40.00	S. 89° 56' E. on a random line bet. secs. 11 and 14 Set a temp. $\frac{1}{4}$ sec. cor.
79.98	Intersect N. and S. line 12 lks. S. of cor. to secs. 11-12-13 and 14; thence I run S. 89° 59' W. on a true line bet. secs. 11 and 14 Desc. over mountainous land; through heavy cedar and pinon pine.
7.00	Ravine 200 ft. deep, course S; 10° W.; asc.
13.00	Spur projects S.; desc.
18.80	Ravine 300 ft. deep, course S.; asc.
31.00	Spur projects S. 10° E.; desc.

SUBDIVISION OF T.4 S.R.9 W.U.S.B.& M.

CHAINS 39.50	A ravine, course S. 15° E.; asc. over broken sandstone, ledges and slides.
39.99	The point for $\frac{1}{4}$ sec. cor. falls in steep slides; not set.
43.75	Top of spur projects S., and ledges and slides bear N. and S. Set a sandstone 15x10x6 ins. 10 ins. in the ground, for witness cor. to $\frac{1}{4}$ sec. cor.; mkd. W C $\frac{1}{4}$ on N. face., from which
50.00	A cedar 12 ins. in diam. bears N. 40° E. 35 lks. dist mkd. W C $\frac{1}{4}$ S 11 B T
53.00	A pinon 10 ins. in diam. bears S. 27° E. 27 lks. dist. mkd. W C $\frac{1}{4}$ S 14 B T
62.00	Ravine 150 ft. deep, course S.; asc;
79.98	Spur projects S. desc. through scattering timber. The cor. of secs. 10-11-14 and 15. Land mountainous. Soil stony; 4th. rate. Timber cedar and pinon pines. Mountainous land covered with heavy timber. 79.98 chs.

N. $0^{\circ} 02'$ W. bet. secs. 10 and 11

Asc. over mountainous land through scattering cedar and pinon pine.

5.00	Spur 50 ft. above cor. projects W.; desc.
23.00	Ravine 400 ft. deep, course SW. asc.
40.00	Set a sandstone 18x8x6 ins. 12 ins. in the ground, for $\frac{1}{4}$ sec. cor.; mkd. $\frac{1}{4}$ on W. face; and raise amount of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
41.00	Sandstone ledges 15 ft. high bear NE. and SW.
45.00	Ridge bears NE. and SW. Enter heavy cedar, pine and mahogany; desc.
66.00	Ravine 300 ft. deep, course SW.; asc.
80.00	Set a sandstone 15x8x6 ins. 10 ins. in the ground, for cor. to secs. 2-3-10 and 11; mkd. 2 notches on the E. and 5 notches on S. edges; from which

SUBDIVISION OF T.4 S.R.9 W.U.S.B.& M.

CHAINS

A pinon 15 ins. in diam. bears N. 72° E. 31 lks.dist.
mkd. T 4 S R 9 W S 2 B T.

A cedar 15 ins. in diam bears S. 36° E. 60 lks.dist.
mkd. T 4 S R 9 W S 11 B T.

A pinon 10 ins. in diam. bears S. 36° W. 9 lks. dist.
mkd. T 4 S R 9 W S 10 B.T.

A mahogany 5 ins. in diam. bears N. 36° W. 26 lks.dist.
mkd. T 4 S R 9 W S 3 B T.

Land mountainous.

Soil stony; 3rd. and 4th. rate.

Timber cedar, pine and mahogany.

Mountainous land covered with heavy timber. 80.00 chs.

May 21, at this cor. I set off $20^{\circ} 13' N.$ on decl. arc;
at 11h. 57m. a.m.l.m.t. observe the sun on the meridian;
the resulting lat. is $40^{\circ} 10' N.$

- 40.00 N. $89^{\circ} 59'$ E. on a random line bet. secs. 2 and 11
Set a temp. $\frac{1}{4}$ sec. cor.
- 80.08 Intersect N. and S. line 9 lks. S. of the cor. of secs.
1-2-11 and 12; thence I run
S. $89^{\circ} 55'$ W..bet. secs.2 and 11 on a true line.
Asc. over mountainous land, through heavy cedar and pinon
pines.
- 18.00 Spur projects S.; desc.
- 26.00 Ravine 150 ft. deep, course S.; asc.
- 40.04 Set a sandstone 12x12xx6 ins. 8 ins. in the ground, for
 $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; from which
A pine 14 ins. in diam. bears N. $82\frac{1}{2}$ E. 81 lks.dist.
mkd. $\frac{1}{4}$ S 2 B T.
- A pine 16 ins. in diam. bears S. 89° E. 66 lks.dist.
mkd. $\frac{1}{4}$ S 11 B T.
- 41.00 Spur projects SW.; desc.
- 52.00 Leave timber bears N. and S.
- 63.50 Enter heavy cedar, pines and mahogany, bears N. and S.
- 69.00 Ravine 300 ft. deep, course SW.; asc.

SUBDIVISION OF T.4 S.R.9 W.U.S.B.& M.

CHAINS	
75.35	Spur projects S.; desc.
80.08	The cor. of secs. 2-3-10 and 11 Land mountainous. Soil stony; 3rd. and 4th. rate. Timber cedar and pinon pines. Mountainous land covered with heavy timber. 80.08 chs.
40.00	N. $0^{\circ} 02'$ W. on random line, bet. secs. 2 and 3 Set a temp. $\frac{1}{4}$. sec. cor.
80.05	Intersect N. bdy. of Tp. 5 lks. W. of cor. of secs. 2-3-34 and 35, 34; heretofore described; thence I run S. $0^{\circ} 04'$ E. on true line bet. secs. 2 and 3. Asc. over mountainous land; through dense sage and serviceberry brush, and scattering pine timber.
40.05	Set a sandstone 18x10x6 ins. 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; and raise amount of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
56.50	Ridge bears E. and W., and enter heavy cedar and pinon pine; desc.
80.05	The cor. of secs. 2-3-10 and 11 Land mountainous. Soil stony; 3rd. rate. Timber cedar and pines. Mountainous land covered with heavy timber, and dense undergrowth. 80.05 chs.
May 21, 1904.	
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May 22, at 7h.30m.a.m.l.m.t.l set off $40^{\circ} 05\frac{1}{2}'$ on lat. arc; $20^{\circ} 24'$ N. on decl. arc; and determine a true meridian with the solar at the standard cor. of secs. 33 and 34 on S. bdy. of Tp. 4 S.R.9 W. heretofore described; thence I run	
$N. 0^{\circ} 02'$ W. bet. secs. 33 and 34	
Desc. over mountainous land; through heavy pine timber.	

SUBDIVISION OF T.4 S.R.9 W.U.S.B.& H.

CHAINS	
10.00	Hollow, course NE.; asc.
25.00	Ravine 300 ft. deep, course E.; asc.
26.00	Leave timber, bears E. and W.
40.00	Set a sandstone 15x14x4 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor.; mkd. $\frac{1}{4}$ on W. face; raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. X
52.00	Spur projects SE.; desc.
80.00	Set a sandstone 14x10x8 ins. 10 ins. in the ground, for cor. of secs. 27-28-33 and 34; mkd. 3 notches on the E. and 1 notch on S. edges, and raise a mound of stone, 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
	Land mountainous.
	Soil stony; 3rd. rate.
	Timber pines.
	Mountainous land coverd with heavy timber. 80.00 chs.
	E. on a random line bet. secs. 27 and 34
40.00	Set a temp. $\frac{1}{4}$ sec. cor.
80.07	Intersect N. and S. line 9 lks. N. of cor. of secs. 26-27 34 and 35; thence I run
	S. $89^{\circ} 56'$ W. on a true line bet. secs. 27 and 34
	Asc. over mountainous land; through dense squaw and serviceberry brush.
1.75	Spur projects S. 30° E.; desc.
14.45	Ravine 250 ft. deep, course S.; asc.
26.00	Spur projects S.; desc.
36.00	Ravine 150 ft. deep, course S. 20° E.; asc.
40.03 $\frac{1}{2}$	Set a sandstone 20x16x8 ins. 15 ins. in the ground, for $\frac{1}{4}$ sec. cor.; mkd. $\frac{1}{4}$ on N. face, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.
48.00	Spur projects SE.; desc.
58.00	Ravine 600 ft. deep, course S. 30° E.; asc.
73.50	Spur projects S. 50° E.; desc.
77.00	Ravine 150 ft. deep, course S. 50° E.
80.07	The cor of secs. 27-28-33 and 34

SUBDIVISION OF T. 4 S.R. 9 W.U.S.B. & N.

CHAINS

Land mountainous.

Soil stony; 3rd. rate.

Mountainous land covered with dense undergrowth. 80.07 chs.

N. 0° 02' W. bet. secs. 27 and 28

Desc. over mountainous land; through dense sage and serviceberry brush.

3.00 Ravine 200 ft. deep, course SE.; asc.

7.00 Ridge bears N. 60° E. and S. 60° W., desc. through dead and fallen timber.

40.00 Set a sandstone 16x8x4 ins. 11 ins. in the ground, for $\frac{1}{4}$ sec. cor.; mkd. $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.

47.00 Hollow, course NW.; asc.

55.00 Spur projects NW., leave timber; desc.

72.00 Ravine 800 ft. deep, course NE.; asc.

80.00 Set a sandstone 18x10x6 ins. 12 ins. in the ground, for cor. to secs. 21-22-27 and 28; mkd. 3 notches on the E., and 2 notches on the S. edges; raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.

Land mountainous.

Soil stony; 3rd. rate.

No standing timber.

Mountainous land covered with dense undergrowth. 80.00 chs.

May 22, at this cor. I set off 20° 25' N. on decl. arc; and 11h.56 m. a.m. l.m.t. observe the sun on the meridian; the resulting int. is 40° 07' N.

N. 89° 56' E. on a random line bet. secs. 22 and 27

40.00 Set a temp. $\frac{1}{4}$ sec. cor.

80.12 Intersect N. and S. line 8 lbs. N. of cor. of secs. 22-23-26 and 27; thence I run

E. on a true line bet. secs. 22 and 27

Desc. over Mountainous land through dense squaw and deer brush.

SUBDIVISION OF T.4 S.R.9 W.U.S.B.& M.

CHAINS

- 12.00 Ravine 700 ft. deep, course N.; asc.
 23.50 On Spur projects N.
 Set a sandstone 14x12x6 ins. in ground for witness cor.
 top sec cor. mkd. $\frac{1}{4}$ on N. face, and raise amount of stone
 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.; desc.
 28.00 Enter scattering cedar and pinon pine.
 40.09 Point for $\frac{1}{4}$ sec cor. falls on land subject to slide; not set.
 77.00 Ravine 800 ft. deep, course NE., leave timber; asc.
 80.18 The cor. of secs. 21- 22- 27 and 28.
 Land mountainous.
 Soil stony; 3rd. rate.
 Timber scattering cedar and pinon.
 Mountainous land covered with scattering timber, and dense
 undergrowth. 80.18 chs.

N.0° 02' W. bet; secs. 21 and 22

- Asc. over mountainous land; through squaw, deer and serviceberry brush.
 21.50 Spur projects NE.; desc.
 34.00 Ravine 250 ft. deep, course NE. asc.
 40.00 Set a sandstone 15x8x6 ins. 10 ins. in the ground, for
 $\frac{1}{4}$ sec. cor.; mkd. $\frac{1}{4}$ on W. face, and raise a mound of stone
 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
 70.00 Spur projects NE.; desc.
 75.00 Limestone ledge 75 ft. high bears NE. & SW., and enter
 heavy pine timber, bears NE. and SW.
 80.00 Set a limestone 20x14x5 ins. 15 ins. in the ground, for
 cor. of secs. 15-16-21 and 22; mkd. $\frac{1}{4}$ S on NE., and
 $\frac{1}{4}$ W on SE. face, 3 notches on E., and 3 notches on S.
 edge; from which
 A balsam 8 ins. in diam. bears N. 15° E. 17 lks. dist.
 mkd. T 4 S R 9 W S 15 B T.
 A balsam 4 ins. in diam. bears S. 38° E. 15 lks. dist.
 mkd. T 4 S R 9 W S 22 B T.
 A pine 8 ins. in diam. bears S. 18° W. 24 lks. dist.
 mkd. T 4 S R 9 W S 21 B T.

SUBDIVISION OF T. 4 S.R. 9 W.U.S.B. & M.

CHAINS	A pine 5 ins. in diam. bears N. 38° W. 14 lks. dist. mkd. T 4 S R 9 W S 16 B T. Land mountainous. Soil stony; 3rd. and 4th. rate. Timber pines. Mountainous land covered with heavy timber, and dense undergrowth. 80.00 chs.
40.00	E. on a random line bet. secs. 15 and 22 Set a temp. $\frac{1}{4}$ sec. cor.
80.22	Intersect N. and S. line 7' lks. N. of cor. of secs. 14-15 22 and 23; thence I run N. $89^{\circ} 57'$ W. bet. secs. 15 and 22 on a true line. Desc. over mountainous land; through scattering pines and mahogany.
34.00	Ravine 600 ft. deep, course N.; asc.
40.11	Set a sandstone 18x10x7 ins. 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; and raise amount of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.
44.50	Spur projects NE.; desc.
80.22	The cor. of secs. 15-16-21 and 22 Land mountainous. Soil stony; 3rd. and 4th. rate. Timber scattering pines and mahogany. Mountainous land covered with scattering timber. 80.22 chs.
21.30	May 22, 1904. May 23, at 7h. a.m. l.m.t. I set off $40^{\circ} 08'$ on lat. arc; $20^{\circ} 35\frac{1}{2}'$ N. on decl. arc; and determine a true meridian with the solar at the cor. of secs. 15-16-21 and 22; thence I run N. $0^{\circ} 02'$ W. bet. secs. 15 and 16 Desc. over mountainous land; through heavy pine timber. Strawberry River 60 lks. wide in Ravine. 1500 ft. deep, course E., leave timber enter dense sage.; asc.

SUBDIVISION T.4 S.R.9 W.U.S.B.& M.

CHAINS 37.00	Enter heavy cedar and pinon pines, leave sage.
40.00	Set a sandstone 20x10x4 ins. 15 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; from which A pine 12 ins. in diam. bears S. 80° E. 32 lks. dist. mkd. $\frac{1}{4}$ S 15 B T.
80.00	A pinon 20 ins. in diam. bears S. 28° W. 41 lks. dist. mkd. $\frac{1}{4}$ S 16 B T Set a sandstone 18x12x5 ins. 12 ins. in the ground, for cor. of secs. 9-10-15 and 16, mkd. 3 notches on the E., and 4 notches on the S. edge; from which A pinon 15 ins. in diam. bears N. 19° E. 26 lks. dist. mkd. T 4 S R 9 W S 10 B T. A pinon 12 ins. in diam. bears S. 70° E. 22 lks. dist. mkd. T 4 S R 9 W S 15 B T. A pinon 15 ins. in diam. bears S. 25° W. 16 lks. dist. mkd. T 4 S R 9 W S 16 B T. A pinon 8 ins. in diam. bears N. $37\frac{1}{2}^{\circ}$ W. 31 lks. dist. mkd. T 4 S R 9 W S 9 B T.
	Land mountainous. Soil loam and stony; 2nd. and 3rd. rate. Timber pine, cedar and pinon. Mountainous land covered with heavy timber, and dense undergrowth. 80.00 chs.
40.00	S. $89^{\circ} 57'$ E. on a random line bet. secs. 10 and 15 Set a temp. witness cor. for $\frac{1}{4}$ sec. cor..
80.09	Intersect N. and S. line, 14 lks. S. of cor. of secs. 10-11-14 and 15; thence I run S. $89^{\circ} 57'$ W. on a true line bet. secs. 10 and 15. Desc. over mountainous land; through scattering cedar and mahogany and pinon.
4.25	Ravine 300 ft. deep, course S., enter heavy pine and cedar timber; asc.
16.80	Spur projects S.; desc.
20.00	Ravine 150 ft. deep, course S.; asc.
28.10	Spur projects S.; desc.

SUBDIVISION OF T. 4 S.R.9 T.U.S.B.& H.

- CHAINS
 49.04 Point for $\frac{1}{4}$ sec. cor. falls in steep slide rock; not set.
 49.06 Set a sandstone 16x14x8 ins. 11 ins. in the ground, for
 witness cor. to $\frac{1}{4}$ sec. cor., mkd. N C $\frac{1}{4}$ on N. face; from
 which
 A pinon 12 ins. in diam. bears N. 80° E. 18 lks. dist.
 mkd. N C $\frac{1}{4}$ S 10 R T
 A pinon 14 ins. in diam. bears S. 14 lks. dist.
 mkd. N C $\frac{1}{4}$ S 15 R T
 50.06 Ravine 300 ft. deep; course S.; asc.
 50.09 The cor. of secs. 9-10-15 and 16
 Land mountainous.
 Timber cedar and pinon pine.
 Soil stony; 4th. rate.
 Mountainous land covered with heavy timber, 80.09 chs.

- W. of sec. 10 bet. secs. 9 and 10
 Asc. over mountainous land; through heavy timber.
 51.00 Spur projects SE.; desc.
 51.00 Ravine 300 ft. deep, course SE.; asc.
 51.00 Set a sandstone 18x6x4 ins. 12 ins. in the ground, for
 $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; from which
 A pinon 12 ins. in diam. bears E. 20 lks. dist.
 mkd. $\frac{1}{4}$ S 10 R T.
 A pinon 15 ins. in diam. bears SW. 15 lks. dist.
 mkd. $\frac{1}{4}$ S 9 R T.
 51.50 Ridge course N. 70° E. and S. 70° W., leave timber, enter
 dense deer and service berry brush; descend.
 52.00 Set a sandstone 15x8x7 ins. 10 ins. in the ground, for
 cor. of secs. 3-4-9 and 10; mkd. 3 notches on the E., and
 5 notches on S. edge, and raise around of stone 2 ft.
 base 1 $\frac{1}{2}$ ft. high W. of cor.
 Land mountainous.
 Soil stony; 3rd. rate.
 Timber cedar and pinon pine.
 Mountainous land covered with heavy timber, and dense

SUBDIVISION OF T.4 S.R.9 W.U.S.B.& M.

- CHAINS undergrowth, 80.00 chs.
- May 23, at this cor. I set off $20^{\circ} 37'$ N. on decl. arc; at 11h. 56 m. a.m. I m.t. observe the sun on the meridian; the resulting lat. is $40^{\circ} 10'$ N.
-
- N. $89^{\circ} 57'$ E. on a random line bet. secs. 3 and 10
- 40.00 Set a temp. $\frac{1}{4}$ sec. cor.
- 80.25 Intersect N. and S. line 18 lks. N. of the cor. of secs. 2-3-10 and 11; thence I run
- N. $89^{\circ} 55'$ W. on a true line bet. secs. 3 and 10. Desc. over mountainous land, through heavy cedar, pine and mahogany.
- 13.00 Ravine 100 ft. deep, course S.; asc.
- 31.00 Spur projects SW.; desc.
- 39.50 Ravine 150 ft. deep, course SW.; asc.
- 40.12 $\frac{1}{2}$ Set a sandstone 18x10x5 ins. 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; from which
- A mahogany 5 ins. in diam. bears N. 50° E. 21 lks. dist. mkd. $\frac{1}{4}$ S 3 B T.
- A pine 9 ins. in diam. bears S. 70° E. 29 lks. dist. mkd. $\frac{1}{4}$ S 10 B T.
- 44.00 Spur projects SW.; desc.
- 55.00 Ravine 300 ft. deep, course SW.; asc.
- 69.00 Leave timber, and enter dense squaw, deer and service berry brush.
- 70.50 Ridge bears NE. and SW.; desc.
- 80.25 The cor. of secs. 3-4-9 and 10
- Land mountainous.
- Soil stony; 3rd. rate.
- Timber cedar and pinon pine.
- Mountainous land covered with heavy timber and dense undergrowth. 80.25 chs.

SUBDIVISION OF T.4 S.R.9 W.U.S.B.& M.

- CHAINS N. $0^{\circ} 02'$ W. on a random line bet. secs. 3 and 4
- 40.00 Set a temp. $\frac{1}{2}$ sec. cor.
- 80.07 Intersect N. bdy. of Tp. 9 lks. E. of cor. of secs. 3-4-
35 and 34; heretofore described; thence I run
S. $0^{\circ} 06'$ E. on a true line bet. secs. 5 and 4
Desc. over mountainous land, through dense sage, squaw
and service berry brush.
- 11.00 Ravine 150 ft. deep, course NW.; asc.
- 37.00 Ridge bears N. 60° W. and S. 60° E.; desc.
- 40.03 $\frac{1}{2}$ Set a sandstone 18x8x6 ins. 12.ins. in the ground, for
 $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face, and raise a mound of ston
2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
- 70.00 Ravine 150 ft. deep, course W.; asc.
- 80.07 The cor. of secs. 3-4-9 and 10.
Land mountainous.
Soil loam and stony; 3rd. and 4th. rate.
No timber.
Mountainous land covered with dense undergrowth. 80.07 ch.

May 23, 1904.

May 24, at 7h.a.m.l.m.t. I set off $40^{\circ}05\frac{1}{2}'$ on lat. arc;
 $20^{\circ} 47'$ on decl. arc; and determine a true meridian, with
the solar at the standard cor. of secs. 32 and 33 of the
the S. bdy. of Tp. 4 S.R.9 W. heretofore described;
thence I run

N. $0^{\circ} 03'$ W. bet. secs. 32 and 33

Asc. over mountainous land, through dense sage and ser-
vice berry brush.

- 11.00 Ridge bears NE. and SW.; desc.
- 40.00 Set a sandstone 14x9x6 ins. 10 ins. in the ground, for $\frac{1}{4}$
sec. cor., mkd. $\frac{1}{4}$ on W. face; and raise a mound of stone
2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
- 80.00 Set a sandstone 12x8x4 ins. 8ins. in the ground, for cor.
to secs. 28-29-32 and 33, mkd. 4 notches on the E. and 1
notch on S. edge, and raise a mound of stone 2 ft. base
 $1\frac{1}{2}$ ft. high W. of cor.

SUBDIVISION OF T.4 S.R.9 W.U.S.B.& M.

CHAINS

Land mountainous.

Soil stony; 3rd. rate.
No timber.

Mountainous land covered with dense undergrowth. 80.00 chs.

E. on a random line bet. secs. 28 and 33

40.00 Set a temp. witness cor. to $\frac{1}{4}$ sec. cor.
79.94 Intersect N. and S. line 7 lks. N. of cor. of secs. 27=28
33 and 34; thence I run

N. $89^{\circ} 57'$ W. on a true line bet. secs. 28 and 33
Asc. over mountainous land, through dense squaw and service berry brush.

19.00 Ridge bears N. 60° E. and SW.; desc.

23.00 Set a sandstone 20x14x10 ins. 15 ins. in the ground, for
witness cor. to $\frac{1}{4}$ sec. cor., mkd. W C $\frac{1}{4}$ on N. face; and
raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.

25.00 Enter dead and fallen timber, bears NE. and SW.

39.97 Point for $\frac{1}{4}$ sec. cor. falls in steep slides; not set.

79.94 The cor. of secs. 28-29-32 and 33

Land mountainous.

Soil stony; 3rd. rate.

Timber dead and fallen.

Mountainous land covered with dead and fallen timber,
and dense undergrowth. 79.94 chs.

N. $0^{\circ} 03'$ W. bet. secs. 28 and 29

Desc. over mountainous land, through fallen timber and
dense sage, deer and service berry brush.

20.00 Ravine 900 ft. deep, course NE.; asc.

40.00 Set a sandstone 15x10x6 ins. 10 ins. in the ground, for
 $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; and raise amount of stone
2 ft. base $1\frac{1}{2}$ ft. high W. of cor.

80.00 Set a sandstone 16x10x8 ins. 11 ins. in the ground, for
cor. to secs. 20-21-28 and 29, mkd. 4 notches on the E.,
and 2 notches on S. edge, raise a mound of stone 2 ft.

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CHAINS

base 1 $\frac{1}{2}$ ft. high W. of cor.

Land mountainous.

Soil stony; 3rd. rate.
Fallen timber.

Mountainous land covered with fallen timber, and dense undergrowth. 80.00 chs.

May 24, at this cor. I set off 20° 48' N. on decl. arc; at 11 h. 49m. a.m. l.m.t. observe the sun on the meridian, the resulting lat. is 40° 07' N.

S. 89° 57' E. on a random line bet. secs. 21 and 28

40.00 Set a temp. $\frac{1}{4}$ sec. cor.

20.16 Intersect N. and S. line 5 lbs. N. of cor. of secs. 21-22
27 and 28; thence I run

N. 89° 55' W. on a true line bet. secs. 21 and 28

Asc. over mountainous land, through dense deer and sage brush.

7.00 Spur projects S.; desc.

30.00 Hollow course S.; asc.

40.08 On point of spur, projects S.

Set a sandstone 14x7x5 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., mka. $\frac{1}{4}$ on N. face; and raise a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high N. of cor.; desc.

65.00 Ravine 250 ft. deep, course SE.; asc.

80.16 On E. slope of mountain 300 ft. above bottom of ravine the cor of secs. 20-21-28 and 29

Land mountainous.

No timber.

Soil loam and stony; 2nd. and 3rd. rate.

Mountainous land covered with dense undergrowth. 80.16 chs.

N. 0° 03' W. bet. secs. 20 and 21

Asc. over mountainous land, through dense deer, sage and sagebrush.

20.18 Ridge bears NE. and SW.; desc.

40.00 Set a sandstone 14x10x4 ins. 10 ins. in the ground, for

-29-

SUBDIVISION OF T. 4 S.R. 9 W.U.S.B. & M.

Chains	$\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ on W.face; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W.of cor.
43.75	Enter heavy pine timber bears NE.and SW.
77.80	Leave timber bears E.and W.
80.00	The point for cor.of secs.16,17,20, and 21 falls in steep slide rock;cor.not set. At a point N. $0^{\circ}03'$ W.1 ch. I set a limestone $21x10x6$ ins.16 ins.in the ground for witness cor.to cor.of secs.16,17,20, and 21,marked WC on NE face, and 4 notches on E.,3 notches on S.edge;and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W.of cor. Land mountainous.
	Soil stony;4th rate.
	Timber pine.
	Mountainous land covered with heavy timber and dense undergrowth 80.00 chs.
40.00	From true point for cor.of secs.16,17,20, and 21,I run S. $89^{\circ}55'$ E.on a random line betsecs.16 and 21 Set temp. $\frac{1}{4}$ sec.cor..
80.06	Intersect N.and S.line 5 lks.S. of the cor.of secs.15, 16,21, and 22;thence I run N. $89^{\circ}57'$ W.on true line betsecs.16 and 21 Descending over mountainous land;through heavy pine timber.
20.00	Broken limestone ledges;timber becomes scattering.
40.03	Set a limestone $18x12x8$ ins.12 ins.in the ground for $\frac{1}{4}$ sec.cor.,marked $\frac{1}{4}$ on N.face;and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N.of cor.
75.00	Leave scattering timber bears NE.and SW.
79.00	Set a limestone $15x9x6$ ins.10 ins.in the ground for witness cor.to cor.of secs.16,17,20, and 21;marked WC on NE. face;with 4 notches on E.and 3 notches on S.edge;and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
80.06	The point for cor.to secs.16,17,20, and 21. Land mountainous.

SUBDIVISION OF T. 4 S.R. 9 W.U.S.B. & M.

Chains. Soil stony; 4th rate.
Timber pine.
Mountaimous land 80.06 chs. May 24, 1904.

- N.0°03'W.bet.secs.16 and 17
Descending over mountainous land.
1.00 Intersect witness cor.to cor.of secs.16,17,20, and 21,
May 25: At 7 h.0 m.a.m.l.m.t.I set off 40°08'N.on 1st.
arc;20°58'N.on decl.arc;and determine a true meridian
with the solar at this point.
19.00 Strawberry River 55 lks.wide,in canon 1500 ft.deep,
course E.
Leave timber;enter dense sagebrush;ascend.
27.00 Point for $\frac{1}{4}$ sec.cor.will fall in steep slide rock;there-
fore at this point,
Set a sandstone 15x8x6 ins.10 ins.in the ground for wit-
ness cor.to $\frac{1}{4}$ sec.cor.,marked WC $\frac{1}{4}$ on W.face;raise a mound
of stone 2 ft.base 1 $\frac{1}{2}$ ft.high W.of cor.
Ascend abruptly over slides..
33.00 Leave sagebrush;enter cedar and pinon pine timber.
40.00 Point for $\frac{1}{4}$ sec.cor.falls in steep slide rock;cor.not set.
45.00 Leave slides.
80.00 Set a sandstone 24x14x6 ins.18 ins.in the ground for
cor.to secs.8,9,16, and 17,marked with 4 notches on E.,
and 4 notches on S.edge;from which
A cedar 15 ins.diam.bears N.65°E.27 lks.dist.
marked T 4 S R 9 W S 9 B T
A cedar 12 ins.diam.bears S.82°E.26 lks.dist.
marked T 4 S R 9 W S 16 B T
A cedar 12 ins.diam.bears S.43°W.16 lks.dist.
marked T 4 S R 9 W S 17 B T
A cedar 30 ins.diam.bears N.20°W.29 lks.dist.
marked T 4 S R 9 W S 8 B T
Land mountainous. Soil stony;4th rate.
Timber pine and cedar.
Mountainous land 80.00 chs.

SUBDIVISION OF T.4 S.R.9 W.U.S.B.& M.

CHAINES

- S. $89^{\circ} 57'$ E. on a random line bet. secs. 9 and 16
- 40.00 Set a temp. $\frac{1}{4}$ sec. cor.
- 80.16 Intersect N. and S. line, 9 lks. N. of cor. of secs. 9-10
15 and 16; thence I run
- N. $89^{\circ} 53'$ W. on a true line, bet., secs. 9 and 16
- Desc. over mountainous land, through heavy cedar and pinon.
- 5.00 Ravine 150 ft. deep, course S.; asc.
- 7.50 Spur projects S.; desc.
- 18.00 Ravine 300 ft. deep, course S. 15° E.; asc.
- 40.08 Set a sandstone 16x8x5 ins. 11 ins. in the ground, for $\frac{1}{4}$
sec. cor., mkd. $\frac{1}{4}$ on N. face; from which
- A cedar 12 ins. in diam. bears N. 17 lks. dist.
mkd. $\frac{1}{4}$ S 9 B.T.
- A pine 18 ins. in diam. bears S. 10° W. 42 lks. dist.
mkd. $\frac{1}{4}$ S 16 B.T.
- 44.00 Spur projects S. 20° E.; desc.
- 54.50 Ravine 100 ft. deep, course S. 20° E.; asc.
- 65.00 Spur projects S. 20° E.; desc.
- 70.50 Hollow S. 20° E.; asc.
- 80.16 The cor. of secs. 8-9-16 and 17
Land mountainous.
Soil stony; 4th. rate.
Timber cedar and pinon pine.
Mountainous land covered with heavy timber. 80.16 chs.

N. $0^{\circ} 03'$ W. bet. secs. 8 and 9

Asc. over mountainous land, through heavy mahogany, cedar
and pinon.

- 12.00 Spur projects S. 70° E., leave timber, enter dense squaw
and sarvis brush; desc.
- 35.00 Ravine 300 ft. deep, course NE.
- 40.00 Set a sandstone 20x14x6 ins. 15 ins. in the ground, for
 $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; and raise a mound of stone
2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
- 61.00 Spur projects SE.; desc.

SUBDIVISION OF T!4 S.R.9 W.U.S.B.& H.

CHAINS	
80.00	On steep E. slope of ridge 150 ft. below spur. Set a sandstone 18x15x8 ins. 12 ins. in the ground, for cor. to secs. 4-5-8 and 9, mkd. 4 notches on the E., and 5 notches on the S. edge; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Land mountainous. Soil loam and stony; 2nd. and 3rd. rate. Timber cedar, pine and mahogany. Mountainous land covered with heavy timber, and dense undergrowth. 80.00 chs. May 25, at this cor. I set off $20^{\circ} 59'$ N. on seccl. arc.; and 11h. 57m. a.m.l.m.t. observe the sun on the meridian; the resulting lat. is $40^{\circ} 10'$ N.
40.00	S. $89^{\circ} 55'$ E. on a random line bet. secs. 4 and 9 Set a temp. $\frac{1}{4}$ sec. cor.
80.10	Intersect N. and S. line 15 lks. S. of cor. of secs. 3-4 9 and 10; thence I run N. $89^{\circ} 59'$ W. on a true line bet. secs. 4 and 9 Desc. over mountainous land, through dense sage, squaw and service berry brush.
24.50	Ravine 300 ft. deep, course SW.; asc.
30.00	Spur projects S.; desc.
40.05	Set a sandstone 18x8x6 ins. 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{3}$ on N. face; raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.
47.00	Ravine 600 ft. deep, course SE.; asc.
80.10	The point of secs. 4-5-8 and 9 Land mountainous. Soil stony; 3rd. rate. No timber. Mountainous land covered with dense undergrowth. 80.10 chs.

N. $0^{\circ} 03'$ W. on a random line bet., secs. 4 and 5

SUBDIVISION OF T.4 S.R.9.W.U.S.B.& M.

CHAINS	
40.00	Set a temp. $\frac{1}{4}$ sec. cor.
79.94	Intersect N. bdy. of Tp. 5 lks. E. of cor. of secs. 4-5-32 and 33 heretofore described; thence I run S. $0^{\circ} 05'$ E. on a true line bet. secs. 4 and 5 Desc. over mountainous land, through dense sage, squaw and service berry brush.
38.00	Sandstone ledge 15 ft. high bears NW. and SE.
39.94	Set a sandstone 12x10x8 ins. 8 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{2}$ on W. face; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
47.00	Creek 4 lks. wide in ravine 600 ft. deep, course SE.; asc. through dense young aspen, bears NW. and SE.
49.00	Leave aspen bears NW. and SE.
79.94	The cor. of secs. 4-5-8 and 9. Land mountainous. Soil loam and stony; 2nd. and 3rd. rate. Timber young aspen. Mountainous land covered with dense young aspen, and undergrowth. 79.94 chs.

May 25, 1904.

May 26, at 7h. a.m.l.m.t. I set off $40^{\circ} 05\frac{1}{2}'$ on lat. arc; $21^{\circ} 08\frac{1}{2}'$ N. on decl. arc., and determine a true meridian with the solar at the standard cor. of secs. 31 and 32 of the S. bdy. of Tp. 4 S.R.9 W., heretofore described; thence I run . . .

H. $0^{\circ} 04'$ W. bet. secs. 31 and 32

Desc. over broken W. slope, through burnt timber and dense sage and service berry brush.

5.00	Leave burnt timber, Enter heavy aspen, and scattering pines bear NE. and SW.
11.00	Ravine 150 ft. below sec. cor., course N. 20° E.; asc.
30.00	Leave timber, bears NE. and SW.
40.00	On steep E. slope of ridge 350 ft. above bottom of ravine. Set a sandstone 12x8x6 ins. 8 ins. in the ground. . . cor.

SUBDIVISION OF T.4 S.R.9 W.U.S.B.& M.

CHAINS for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{4}$ on W. face; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.

49.00 Spur projects E.; desc.

55.00 Enter heavy aspen and pines, bear E. and W.

60.00 Ravine 350 ft. deep, course SE.; asc.

70.00 Spur projects SE.

76.50 Leave timber, bears NW. and SE.

80.00 In ravine 75. ft. deep, course SE.
Set a sandstone 17x10x8 ins. 12 ins. in the ground, for cor. of secs. 29-30-31 and 32 $\frac{1}{2}$, mkd. 5 notches on the E. and 1 notch on S. edge, and raise a mound of stone 2 ft. base $1\frac{1}{2}$. ft. high W. of cor.

Land mountainous.

Soil stony; 3rd. rate.

Timber aspen and pines.

Mountainous land covered with heavy timber, and dense undergrowth. 80.00 chs.

E. on a random line bet. secs. 29 and 32

40.00 Set a temp. $\frac{1}{4}$ sec. cor.

80.05 Intersect N. and S. line 5 lks. S. of cor. to secs. 28-29-32 and 33; thence I run

S. $89^{\circ} 58'$ W. on a true line bet. secs. 29 and 32
Desc. over mountainous land, through dense deer and serviceberry brush.

16.00 Ravine 500 ft. deep, course NE.; asc.

40.02 $\frac{1}{2}$ Set a sandstone 16x12x4 ins. 11. ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.

45.00 Enter scattering aspen and pine, bear NE. and SW.

77.00 Leave timber, bears NE. and SW.

80.05 The cor. of secs. 29-30-31 and 32.

Land mountainous.

Soil stony; 3rd. rate.

Timber scattering aspen and pines,

-35-

SUBDIVISION OF T.4 S.R.9 W., U.S.B.& M.

Chains.	Mountainous land on 80.05 chs.
40.00	West on random line bet. secs. 30 and 31 Set temp. $\frac{1}{4}$ sec. cor.
79.94	Intersect W.bdy. of Tp. 3.39 chs. N. of witness cor. to secs. 25, 30, 31, and 36, heretofore described; thence I run N. $89^{\circ}56'$ E. on a true line bet. secs. 30 and 31.
3.00	Ascending through scattering aspen and pine timber. Sandstone ledges 20 ft. high bear NE and SW. Set a sandstone 15x10x5 ins. 10 ins. in the ground for witness cor. to cor. of secs. 25, 30, 31, and 36, marked WC on NE face; with 5 notches on N. and one notch on S. edge; raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
39.94	Set a sandstone 16x12x10 ins. 11 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.
67.00	Ridge bears NE. and SW. 800 ft. above sec. cor.; descend.
79.94	The cor. of secs. 29, 30, 31, and 32, Land mountainous. Soil stony; 3d rate. Timber pine and aspen. Mountainous land on 79.94 chs.
	May 26: At this cor. I set off $21^{\circ}09\frac{1}{2}'$ N. on decl. arc; and at 11 h. 57 m. a.m. l.m.t. observe the sun on the meridian; the resulting lat. is $40^{\circ}06'$ N.
12.50	$W.0^{\circ}04'$ W. bet. secs. 29 and 30 Ascend over mountainous land; through dense squaw and service berry brush.
21.75	Ridge bears NE. and SW.; enter heavy aspen timber; descend.
40.00	Enter heavy pine timber bears NE. and SW. Set a sandstone 15x12x6 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; from which A pine 6 ins. diam. bears N. $57^{\circ}E.$ 19 lks. dist.

VIS ON OF T 4 S R.9 W.U.S.B.& M.

- Chains marked $\frac{1}{4}$ S 29 B T
 A pine 16 ins.diam.bears S. 60° W.16 lks.dist.
 marked $\frac{1}{4}$ S 30 B T
- 80.00 Set a sandstone 14x12x6 ins.10 ins.in the ground for cor.to secs.19,20,29, and 30,marked 5 notches on E.and 2 notches on S.edge;from which
 A pine 20 ins.diam.bears N. $23\frac{1}{2}^{\circ}$ E.42 lks.dist.
 marked T 4 S R 9 W S 20 B T
 A balsam 4 ins.diam.bears S. 43° E.13 lks.dist.
 marked T 4 S R 9 W S 29 B T
 A balsam 8 ins.diam.bears S. 33° W.9 lks.dist.
 marked T 4 S R 9 W S 30 B T
 A balsam 8 ins.diam.bears N. 70° W.36 lks.dist.
 marked T 4 S R 9 W S 19 B T
- Land mountainous.
 Soil loam and stony;2d and 3d rate.
 Timber aspen and pine.
 Mountainous land ;heavily timbered or covered with dense undergrowth 80.00 chs.
-
- N. $89^{\circ}58'$ E.on a random line bet.secs.20 and 29
 40.00 Set temp.witness cor.to $\frac{1}{4}$ sec.cor.
 80.10 Intersect N.and S.line 7 lks.S.of the cor.of secs.20,21,
 28 and 29;thence I run
 S. $89^{\circ}55'$ W.on a true line bet.secs.20 and 29
 Ascend over mountainous land;through dense squaw and service berry brush.
- 19.20 Ridge bears NE.and SW.;enter heavy pine timber bears NE and SW.;descend.
 26.50 Leave timber bears N. 30° W.and S. 30° E.
 28.00 Set a sandstone 20x14x6 ins.15 ins.in ground for witness cor.to $\frac{1}{4}$ sec.cor.,marked WC $\frac{1}{4}$ on N.face;from which
 A pine 12 ins.diam.bears N. 75° E.165 lks.dist.
 marked WC $\frac{1}{4}$ S 20 B T

SUBDIVISION OF T.4 S.R.9 W.U.S.B.& M

CHAINS

- A pine 15 ins. in diam. bears S. 80° E. 175 lks. dist.
mkd. W $\frac{1}{4}$ C $\frac{1}{4}$ S 29° B T
- 40.05 A point for $\frac{1}{4}$ sec. cor. falls in steep slides; cor. not set.
- 72.00 Ravine 600ft. below ridge, course N.; asc.
- 80.10 The cor. of secs. 19-20-29 and 30
Land mountainous.
Soil stony; 3rd. rate.
Timber pines and aspen.
Mountainous land heavily timbered, covered with dense undergrowth. 80.10 chs.
-
- S. $89^{\circ} 56'$ W. on a random line bet. secs. 19 and 30
- 40.00 Set a temp. $\frac{1}{4}$ sec. cor.
- 79.88 Intersect W. bdy. of Tp. 4 lks. S. of cor. to secs. 19-24
25 and 30, heretofore described; thence I run
N. $89^{\circ} 58'$ E. on a true line bet. secs. 19 and 30
desc. through scattering aspens and pines, and dense sage and serviceberry brush.
- 39.88 Set a sandstone 18x10x8 ins. 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.
- 45.00 Ravine 800 ft. deep, course NE.; asc.
- 70.00 Spur projects N.; desc.
- 79.88 The cor. of secs. 19-20-29 and 30
Land mountainous.
Soil stony; 3rd. rate.
Timber aspen and pine.
Mountainous land covered with scattering timber, and dense undergrowth. 79.88 chs.

May 26, 1904.

May 27, at 7h. a.m.l.m.t. I set off $40^{\circ} 07'$ on lat. arc;
 $21^{\circ} 18\frac{1}{2}'$ N. on decl. arc, and determine a true meridian;
with the solar at the cor. of secs. 19-20-29 and 30;

SUBDIVISION OF T. 4 S.R. 9 W.U.S.B. & N.

CHAINS

thence I run

N. 0° 04' W. bet. secs. 19 and 20

Desc. over mountainous land, through dense squaw and serviceberry brush.

8.00 Broken limestone ledges, bear N. 10° E. and S. 10° W.

25.00 Leave broken ledges, bear N. 10° E. and S. 10° W.

40.00 Set a sandstone 12x10x8 ins. 8 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.

46.00 Ravine 500 ft. deep, course NE., asc.

70.00 Spur projects N. 70° E., enter heavy pine timber.

Desc. over broken limestone ledges.

79.70 Strawberry River, 65 lks. wide, course N. 70° E.

80.00 Point for cor. to secs. 17-18-19 and 20 falls in river.

N. 0° 04' W. 40 lks. dist.

Set a limestone 20x10x8 ins. 15 ins. in the ground, for witness cor. to cor. of secs. 17-18-19 and 20, mkd. W C on NE. face; and 5 notches on the E. and 3 notches on S. edge; from which

A balsam 30 ins. in diam. bears N. 24° E. 35 lks. dist.
mkd. W C T 4 S R 9 W S 17 B T.

A boxelder 12 ins. in diam bears S. 81° E. 35 lks. dist.
mkd. W C T 4 S R 9 W S 17 B T.

A boxelder 10 ins. in diam. bears S. 62° W. 20 lks. dist.
mkd. W C T 4 S R 9 W S 18 B T.

A maple 8 ins. in diam. bears N. 34° W. 15 lks. dist.
mkd. W C T 4 S R 9 W S 18 B T.

Land mountainous.

Soil stony; 3rd. rate.

Timber pines and boxelder.

Mountainous land covered with heavy timber, and dense undergrowth. 80.00 chs.

SUBDIVISION OF T 4 S R 9 U.S.R & M

Chains.	N. $89^{\circ}55' E.$ on an offset line from witness cor. to cor. of secs. 17, 18, 19, and 20
3.00	Offset 40 lks. S.; thence N. $89^{\circ}55' E.$ on a random line Bet. secs. 17 and 20
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.15	Intersect N. and S. line 1.21 chs. S. of witness cor. to cor. of secs. 16, 17, 20, and 21; thence I run N. $89^{\circ}57' W.$ on a true line bet. secs. 17 and 20 Descend over mountainous land; through dense sage and service berry brush.
34.00	Ravine 300 ft. deep, course NE.; ascend.
40.07 $\frac{1}{2}$	Set a limestone 16x12x8 ins. 1.1 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.
60.00	Enter heavy pine and cottonwood and dense willows, bear N. $70^{\circ} E.$ and S. $70^{\circ} W.$
77.00	Set a limestone 15x10x9 ins. 10 ins. in the ground for witness cor. to cor. of secs. 17, 18, 19, and 20, marked WC on NE face; with 5 notches on E. and 3 notches on S. edge; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
80.15	Point 40 lks. S. of witness cor. to cor. of secs. 17, 18, 19 and 20. Land mountainous. Soil stony; 3d and 4th rate. Timber pine and cottonwood. Mountainous land, covered with heavy timber or dense undergrowth 80.15 chs.
	To avoid creek I run on an offset line from witness cor. to cor. of secs. 17, 18, 19, and 20
0.50	Offset 40 lks. S.; thence I run S. $89^{\circ}58' W.$ on a random line bet. secs. 18 and 19
40.00	Set temp. $\frac{1}{4}$ sec. cor.

SUBDIVISION OF T. 4 S. R. 9 W.U. & L.

Chains	
79.83	Intersect W.bdy.of Tp.9 lks.N.of the cor.to secs.13,18,19, and 24 heretofore described; thence I run N. $89^{\circ}54'$ E.on a true line bet.secs.18 and 19 Descending over mountainous land; through heavy cedar and pinon pine timber.
11.00	Ravine 300 ft.deep, course SE.; ascend.
31.00	Spur projects SE.; descend.
39.83	Set a limestone 15x10x6 ins.10 ins.in the ground for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ on N.face; from which A pinon pine 15 ins.diam.bears NE.30 lks.dist. marked $\frac{1}{4}$ S 18 B T A pinon pine 12 ins.diam.bears S. 10° W.25 lks.dist. marked $\frac{1}{4}$ S 19 B T
51.00	Ravine 150 ft.deep, course S. 20° E.; ascend.
65.00	Spur projects S.; descend.
70.00	Enter bottom and heavy pine and cottonwood timber.
79.55	Strawberry River 80 lks.wide,in ravine 1500 ft.deep, course N. 70° E.
79.83	Point for cor.secs'17,18,19 and 20,40 lks.S.of witness cor. Land mountainous. Soil stony; 4th rate. Timber cedar pinon pine, and cottonwood.3 Mountainous land heavily timbered 79.85 chs.
<hr/>	
	N. $0^{\circ}04'$ W.bet.secs.17 and 18
.35	North bank of Strawberry River 65 lks.wide,in ravine 1500 ft.deep, course N. 70° E.
0.40	Intersect witness cor.to cor.secs.17,18,19, and 20. Thence ascend over mountainous land; through heavy pines and cottonwood timber and dense willows.
5.50	Leave bottom and timber.
6.00	Ledges bear E.and W.
11.40	Top of ledges 100 ft.high bear E.and W.
29.80	Set a sandstone 20x10x6 ins.15 ins.in the ground for witness cor.to $\frac{1}{4}$ sec.cor., marked WC $\frac{1}{4}$ on W.face; from which

SUBDIVISION OF T.4 S.R.3 T.U.S.R. N.

CHAINS

A mahogany 12 ins. in diam. bears S. 50° E. 40 lbs. dist.
mkd. W C $\frac{1}{2}$ S 17 R T.

A mahogany 6 ins. in diam. bears S. 80° E. 30 lbs. dist.
mkd. W C $\frac{1}{2}$ S 18 R T.

Timber scattering.

40.00 Point for $\frac{1}{4}$ sec. cor. falls in steep slide rock. N. 40° E.

59.70 Ravine 200 ft. deep, course S. 35° E.; asc. through
heavy cedar pinon and mahogany.

70.00 Ledges 200 ft. high, bear S. 35° E. N. 35° W.

73.00 Leave ledges N. 35° W. and S. 35° E.

80.00 Set a sandstone 18x12x10 ins. 12 ins. in the ground, for
cor. of secs. 7-8-17 and 18, mkd. 5 notches on the E.,
and 4 notches on S. edge; from which

A mahogany 18 ins. in diam. bears N. 61° E. 17 lbs. dist.
mkd. T 4 S R 9 W S 8 B T.

A mahogany 10 ins. in diam. bears S. 69° E. 18 lbs. dist.
mkd. T 4 S R 9 W S 17 B T.

A pine 18 ins. in diam. bears S. 79° W. 49 lbs. dist.
mkd. T 4 S R 9 W S 18 B T.

A pine 24 ins. in diam. bears N. 62° W. 8 lbs. dist.
mkd. T 4 S R 9 W S 7 B T.

Land mountainous.

Soil stony; 4th. rate.

Timber cedar, pines, pinon and cottonwood.

Mountainous land covered with heavy timber, and dense
undergrowth. 80.00 chrs.

May 27, at this cor. I set off 21° 20' N. on decl. arc;
and 11h. 57m. a.m.l.m.t. observe the sun on the meridian;
the resulting lat. is 40° 09' N.

S. 89° 57' E. on a random line bet. secrs. 8 and 17

40.00 Set a temp. $\frac{1}{2}$ sec. cor.

80.08 Intersect N. and S. line 19 lbs. S. of cor. of secrs. 8-9
16 and 17; thence I run S. 89° 55' E. on a true line bet.
secs. 8 and 17

SUBDIVISION OF T.4 S.R.9.W.U.S.B.& M.

CHAINS	
	Asc. over mountainous land, through heavy cedar, pinon and mahogany.
3.00	Spur projects S.; desc. over broken sandstone ledges, bear N. and S.
14.00	Head of hollow, course S. asc.
27.00	Spur projects S.; desc. Timber scattering.
40.04	Set a sandstone 24x8x6 ins. 18 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.
46.00	Ravine 350 ft. deep, course S.; asc.
65.00	Spur projects S.; desc.
80.08	The cor. of secs. 7-8-17 and 18 Land mountainous. Soil stony; 4th. rate. Timber cedar, pinon and mahogany. Mountainous land; covered with heavy timber. 80.08 chs.
40.00	S. $89^{\circ} 54'$ W. on a random line bet. secs. 7 and 18 Set a temp. $\frac{1}{4}$ sec. cor.
79.60	Intersect W. bdy. of Tp. 5 lks. S. of the cor. of secs. 7-12-13 and 18; heretofore described; thence I run N. $89^{\circ} 56'$ E! on a true line bet. secs. 7 and 18 Asc. over mountainous land, through dense young aspen.
17.00	Ridge bears NE. and SW.; desc.
30.00	Head of hollow, course S. 15° E. Leave aspen, bears NE. and SW.; asc.
39.60	Set a sandstone 14x14x6 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.
52.00	Spur projects SE.; desc. through heavy cedar and pinon, bears N. and S.
64.00	Ravine 400 ft. deep, course SE.; asc..
79.60	The cor. of secs. 7-8-17 and 18 Land mountainous. Soil stony; 3rd. and 4th. rate.

SUBDIVISION OF T.4 S.R.9 W.U.S.B.& M.

CHAINS

Timber cedar, pinon, mahogany and young aspen.

Mountainous land covered with heavy timber. 79.60 chs.

May 27, 1904.

May 28, at 7h. a.m.l.m.t. I set off $40^{\circ} 09'$ on lat. arc; $21^{\circ} 28\frac{1}{2}'$ N. on decl. arc, and determine a true meridian; with the solar at the cor. of secs. 7-8-17 and 18; thence I run

N.. $0^{\circ} 04'$ W. bet. secs. 7 and 8 .

Asc. over mountainous land, through heavy cedar, pine and mahogany.

- 17.00 Ridge bears E. and S. 60° W.
Leave timber, bears E. and W.; desc.
- 22.00 Head of ravine 100 ft. deep, course NE., enter heavy aspen.
Asc.
- 29.00 Leave aspen bears E. and W. .
- 32.00 Enter dense sage and sarvis brush. Ridge bears NE. and SW.
- 40.00 Set a sandstone 14x12x8 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cpr., mkd.: $\frac{1}{2}$ on W. face; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft.. high W..of cor.
- 62.50 Ravine 300 ft. deep, course NE.; asc.through dense young aspen, bear NE. and SW.
- 80.00 Set a sandstone.14x8x4.ins. 10 ins. in the ground, for cor., of secs. 5-6-7.and 8, mkd. 5 notches on the E., and 5 notches on S. edge; from which

An aspen 16 ins. in diam. bears N. 73° E.16 lks.dist.
mkd. T 4 S R 9 W S 5 B.T.

An aspen 3 ins. in diam. bears S. 3° E. 30 lks.dist.
mkd. T 4 S R 9 W S 8 B.T.

An aspen 4 ins. in diam. bears SW. 15 lks.dist.
mkd. T 4 S R 9 W S 7 B.T.

An aspen 5 ins. in diam. bears N. 30° W. 1.15 chs.dist.
mkd. T 4 S R 9 W S 6 B.T.

SUBDIVISION OF T.4 S.R.9 W.U.S.B.& M.

CHAINS

Land mountainous.

Soil loam and stony; 2nd. and 3rd. rate.

Timber cedar, pines, mahogany and young aspen.

Mountainous land covered with heavy timber, and dense undergrowth. 80.00 chs.

N. 89° 55' E. on a random line bet. secs. 5 and 8

40.00 Set a temp. $\frac{1}{2}$ sec. cor.

80.12 Intersect N. and S. line 5 lks. S. of cor. of secs. 4-5
8 and 9; thence I run.

S. 89° 53' W. on a true line bet. secs. 5 and 8

Asc. over mountainous land through dense squaw and service-
berry brush.

12.00 Ridge bears NW. and SE. Enter dense aspen, bear NW. and
SE.

19.00 Leave aspen, bear N. and S. Enter dense sage and service-
berry brush.

40.06 Set a sandstone 18x12x6 ins. 12 ins. in the ground, for
 $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; and raise a mound of
stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.

53.20 Ravine 200 ft. deep, course N.; asc.

58.00 Spur projects N.; desc.

67.00 Enter dense aspen bears N. and S.

74.20 Ravine 150 ft. deep, course N. 20° E.; asc.

80.12 The cor. of secs. 5-6-7 and 8

Land mountainous.

Soil stony; 3rd. rate.

Timber young aspen.

Mountainous land covered with dense timber, and under-
growth. 80.12 chs.

SUBDIVISION OF T.4 S.R.9.W.U.S.B.& M.

- CHAINS S. $89^{\circ} 56'$ W. on a random line bet. secs. 6 and 7
- 40.00 Set a temp. $\frac{1}{4}$ sec. cor.
- 79.56 Intersect W. bdy. of Tp. 7 lks. S. of cor. of secs. 1, 6,
17 and 18; heretofore described; thence I run
N. $89^{\circ} 59'$ E. on a true line bet. secs. 6 and 7
Desc. over mountainous land, through dense aspen; along S.
side of spur.
Hollow, course S. 80° W.; asc.
- 39.00 Set a sandstone 20x14x6 ins. 15 ins. in the ground, for
 $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; from which
An aspen 20 ins. in diam. bears S. 15° E. 50 lks. dist.
mkd. $\frac{1}{4}$ S 7 B T.
- 39.56 An aspen 20 ins. in diam. bears N. 61° W. 86 lks. dist.
mkd. $\frac{1}{4}$ S 6 B T.
- 44.00 Leave aspen bear N. and S. Enter dense sage.
- 66.00 Ridge bears N. 20° E. and S. 20° W.; desc.
- 75.00 Enter dense aspen bear N. 20° W. and S. 20° E.
- 79.56 The cor. of secs. 5-6-7 and 8
Land mountainous.
Soil loam and stony; 2nd. and 3rd. rate.
Timber heavy and dense aspen.
Mountainous land covered with heavy timber, and dense
undergrowth. 79.56 chs.
May 28, at this cor. I set off $21^{\circ} 29'$ N. on decl. arc!
and 11h. 57' a.m.l.m.t. obseve the sun on the meridian;
the resulting lat. is $40^{\circ} 10'$ N.
-
- 40.00 N. $0^{\circ} 04'$ W. on a random line bet. secs. 5 and 6
Set a temp. $\frac{1}{4}$ sec. cor.
- 80.04 Intersect N. bdy. of Tp. 12 lks. W. of cor. of secs. 5-6
31 and 32, heretofore described; thence I run
S. $0^{\circ} 01'$ W. on a true line bet. secs. 5 and 6
Desc. over mountainous land, through dense oak, sage and
sarvis brush.
- 19.00 Ravine 150 ft. below sec. cor., course SE.; asc.

SUBDIVISION OF T.4 S.R.9 W.U.S.B.& M.

CHAINS 40.04	Set a sandstone 13x10x6 ins. 9 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; from which An aspen 4 ins. in diam. bears N. 89° E. 18 lks, dist. mkd. $\frac{1}{4}$ S 5 B T. An aspen 4 ins. in diam. bears N. 30° W. 15 lks. dist. mkd. $\frac{1}{4}$ S 6 B T.
57.50	Ridge bears E. and W. Leave dense aspen, bear E. and W. Desc.
80.04	The cor. of secs. 5-6-7 and 8 Land mountainous. Soil loam and stony; 2nd. and 3rd. rate. Timber young aspen. Mountainous land covered with heavy timber, and dense undergrowth. 80.04 chs.

May 28, 1904.

GENERAL DESCRIPTION

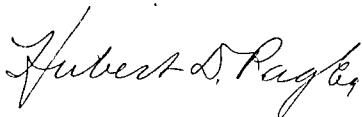
This Tp. is entirely mountainous consisting of badly broken hills and cliffs, and croppings of sandstone ledges, and is almost inaccessible. The Strawberry River flows through a box canon near the center of the Tp. The land lying N. of the river is covered with heavy growth of cedar, pinon and dense scrubby aspen timber. that portion south has a scattering growth of pine, aspen, cedar and pinon, and a great portion of the Tp. is covered with a dense growth of underbrush, oak, sage and squaw. There is no land suitable for agriculture. Nutritious grasses throughout the Tp. afford excellent grazing.

There are no settlers and no mineral in the Tp.

Gilbert D. Payles
U.S. Deputy Surveyor.

SUBDIVISION OF T.4 S.R.9 W.U.S.B.& M.

There being no notary public or other officer authorized to administer oaths, within a reasonable distance, at the beginning or ending of this survey, therefore to save time and expense I administer the preliminary and final oaths myself.



U.S. Deputy Surveyor.

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PAGE

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.**LIST OF NAMES.**

A list of the names of the individuals employed by _____

_____, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____

showing the respective capacities in which they acted:

For final affidavits see book "S" T.1 S.R.10 W. _____, *Chainman.*

_____, *Chainman.*

_____, *Moundman.*

_____, *Moundman.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____

_____, United States Deputy Surveyor, in surveying all those parts or portions of the _____

of the _____

meridian, _____ of _____, which are represented

in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for _____

For final affidavits see book "S" T.1 S.R.10 W. _____, *Chainman.*

_____, *Chainman.*

_____, *Moundman.*

_____, *Moundman.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

Subscribed and sworn to before me this _____
day of _____, 190 _____ }



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from _____, United States Surveyor General for _____, bearing date of the day of _____, 190_____, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for _____, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____

For final affidavit see book "S" T.1 S.R.10 W.

of the _____ meridian, in the _____ of _____, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

United States Deputy Surveyor.

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 190_____ }

████████
O SEAL O
████████

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah: December 20, 190⁴.

The foregoing field notes of the survey of the Subdivisional lines of Township No. 4 South, Range No. 9 West of the Uintah Special Base and Meridian, Utah,

executed by Hubert D. Page and Byron S. Kershaw under his contract No. 279, dated July 22, 1903, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward H. Anderson
United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

United States Surveyor General.

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4-070

BOOK A-313

E.

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FILED

SEP 30 1904

FIELD NOTES

OF THE SURVEY OF THE

West End North
Boundaries
of
Township No. 2 South
Range No. 9 West

of the United States Base and Meridian,
In the State of Illinois.

AS SURVEYED BY

Robert D. Page, R. P. Kishland, United States Deputy Surveyors

Under his Contract No. 279, dated July 22nd, 1890³

Survey commenced May 19th, 1890⁴

Survey completed May 27th, 1890¹¹

High 11-78-60

Adj. 5-78-60 ✓

91-5-78-60 ✓

11-78-60 ✓

NAMES AND DUTIES OF ASSISTANTS.

Gilbert J. Waller, Chairman

Edward Mardock "

Albert R. Hawes Groundman

Albert R. Hawes Adman

William Kendall Flagman

For preliminary affidavits see book "B" T.4 S.R.9 W.

BOOK A-313

INDEX DIAGRAM.

Township _____, Range _____

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30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

WE, _____ and _____
 do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

_____, Chainman.

_____, Chainman.

Subscribed and sworn to before me this _____
 day of _____, 1899 }



WE, _____ and _____
 do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

_____, Moundman.

_____, Moundman.

Subscribed and sworn to before me this _____
 day of _____, 1899 }



WE, _____ and _____
 do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

_____, Axman.

_____, Axman.

Subscribed and sworn to before me this _____
 day of _____, 1899 }



I, _____, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

_____, Flagman.

Subscribed and sworn to before me this _____
 day of _____, 1899 }



WEST BOUNDARY, T.2 S.R.9 W.U.S.B. & N.

CHAINS

Survey commenced May 19, 1904, and executed with the instrument described in Book "B" of this survey. I examined the adjustments of the transit and find them correct; then to test the solar apparatus by comparing its indications resulting from solar observations, made during p.m. and a.m. hours, with a meridian determined by Polaris observation; I proceed as follows:

At the corner of Tps. 2 and 3 S. Rgs. 9 and 10 W. lat. $40^{\circ}15'54''$ N., long. $110^{\circ}59'13''$ W.; previously described I set off $40^{\circ}16'$ N. on lat. arc; $19^{\circ}51'$ N. on decl. arc, and at 4h. p.m. l.m.t., determine a true meridian, with the solar, and mark a point thereof on a stone firmly set in the ground, 5 chs. N. of my station.

At 9h. 34m. p.m. l.m.t. I observe Polaris at lower culmination, in accordance with the Manual of Instructions; the meridian thus determined falls on a pole set on the mark determined by p.m. solar observations.

May 19, 1904.

May 20, at 7h. a.m. l.m.t. I set off $40^{\circ}16'$ N. on lat. arc; $19^{\circ}59'$ N. on decl. arc, and determine a true meridian with the solar; the meridian thus determined falls on the point determined by p.m. solar and Polaris observation.

The solar apparatus by p.m. and a.m. observations defines the position for meridian the same as Polaris observations; therefore, I conclude the adjustments of the instrument are correct.

The magnetic bearing of the true meridian at 7h. 30m. a.m. l.m.t. is 17° W.; the angle thus determined gives the magnetic decl. 17° E.

From the Tp. cor. already described I run N. on w. bdy. of Tp. 2 S. R. 9 W. bet. secs. 31 and 36.

WEST BOUNDARY T.2 S.R.9 W.U.S.B.& M.

CHAINS	Asc..over mountainous land, through dense oak, sage and sarvis brush.
10.00	Ridge bears NW. and SE. Desc.
15.50	Ravine 200 ft. deep, course SE. Asc.
27.65	Sandstone ledge 50 ft. high bears E. and W.
32.00	Spur projects SW. Desc.
40.00	Set a sandstone 16x12x8 ins. 11 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
44.00	Ravine 150 ft. deep, course SW. Asc.
53.50	Spur ridge projects SW. Desc.
73.00	Ravine 150 ft. deep, course W. Asc.
80.00	On spur projects W. set a sandstone 15x12x4 ins. 10 ins. in the ground, for cor, to secs. 25-30-31 and 36, mkd. 5 notches on N. and 1 notch on S. edge, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Land mountainous. Soil stony; 3rd. and 4th. rate. No timber. Mountainous land covered with dense undergrowth. 80.00 chs.

N. bet. secs. 25 and 30

Desc. over mountainous land, through dense oak, sage service and mahogany brush.

17.00 Ravine 300 ft. deep, course W.

Asc.

30.00 Spur projects SW.

Desc.

40.00 Set a sandstone 14x10x4 ins. 10 ins. in the ground,

WEST BOUNDARY T.2 S.R.9 W.U.S.B.& M.

CHAINS	for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
50.00	Ravine 200 ft. deep, course SW. Asc.
80.00	Set a sandstone 15x9x5 ins. 10 ins. in the ground, for cor. of secs. 19-24-25 and 30, mkd. 4 notches on N. and 2 notches on S. edge, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Land mountainous. Soil stony; 3rd. and 4th. rate. No timber. Mountainous land, covered with dense undergrowth. 80.00 chs.
	N. bet. secs. 19. and 24 Asc. over mountainous land, through dense oak, sage and service brush.
24.00	Saddle bears E. and W. In ridge bears N. $10^{\circ}W.$ and S. $10^{\circ}E.$ Desc.
40.00	Set a quartzite stone, 15x12x3 ins. 10 ins. in ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base, and $1\frac{1}{2}$ ft. high W. of cor.
70.00	Ravine 100 ft. deep, course S. $10^{\circ}E.$ Asc.
80.00	Set a quartzite stone 15x10x4 ins. 10 ins. in the ground, for cor. of secs. 13-18-19 and 24, marked with 3 notches on N. and 3 notches on S. edge, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Land mountainous. Soil loam and stony; 2nd. and 3rd. rate. No timber. Mountainous land, covered with dense undergrowth. 80.00 chs.

WEST BOUNDARY T.2 S.R.9.W.U.S.B.&H.

CHAINS	N. bet. secs. 13 and 18 Asc. over mountainous land, through dense oak, sage and service brush.
20.00	Ridge bears NE. and SW. Desc.
37.00	Ravine 250 ft. deep. course S.W. Asc.
40.00	Set a sandstone 15x10x6 ims. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
45.00	Sharp spur projects W.
50.50	Ravine 250 ft. deep. Enter pine and aspen, course W.
62.00	Spur projects SW. Desc.
74.00	Ravine 200 ft. deep, course SW. Leave timber, bears E. and W. Asc.
80.00	Set a sandstone 14x9x4 ins. 10 ins. in the ground for cor. of secs. 7-12-13 and 18, marked with 2 notches on N. and 4 notches on S. edge, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Land mountainous. Soil stony; 3rd. rate. Timber pines and aspen. Mountainous land heavy timber, covered with dense undergrowth. 80.00 chs.
	N. bet. secs. 7 and 12 Asc. over mountainous land, through dense oak, sage and service brush.
13.00	Spur ridge projects SW.; thence along W. slope Enter dense young aspen, bears E. and W.
40.00	An aspen tree 4 ins. in diam., for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{4}$ S 12 on W. side, and $\frac{1}{2}$ on E. side ; from which

WEST BOUNDARY T.2 S.R.9 W.U.S.B.& M.

CHAINS

- An aspen 5 ins. in diam. bears S.78°E. 13 lks.dist.
mkd. $\frac{1}{4}$ S 7 B T.
- An aspen 14 ins. in diam. bears S. 82°W. 12 lks.dist.
mkd. $\frac{1}{4}$ S 12 B T.
- 40.50 Leave aspen, bears E. and W.
52.00 Ridge bears NW. and SE.; descend.
65.00 Enter heavy aspen timber, bears E. and W.
- '80.00 Set a sandstone 15x12x8 ins. 10 ins. in the ground,
for cor. of secs. 1-6-7 and 12,
1 notch on N. and 5 notches on S. edge; from which
An aspen 14 ins. in diam. bears N. 71°E. 23 lks.dist.
mkd. T 2 S R 9 W S 6 B T.
- An aspen 13 ins. in diam. bears S. 25°E. 32 lks.dist.
mkd. T 2 S R 19 W S 7 B T.
- An aspen 14 ins. in diam. bears S. 5°W. 19 lks.dist.
mkd. T 2 S R 10 W S 12 B T.
- An aspen 14 ins. in diam. bears N. 64°W. 16 lks.dist.
mkd. T 2 S R 10 W S 1 B T.
- Land mountainous.
Soil loam and stony; 2nd. and 3rd. rate.
Timber aspen.
Mountainous land and heavy timber, covered with dense
undergrowth. 80.00 chs.

-
- N. bet. secs. 1 and 6
Desc. over mountainous land, through heavy aspen.
23.00 Ravine 200 ft. deep, course SE.
Asc.
40.00 Set an aspen post 3' ft. long 4ins. sq., 24 ins. in the
ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ S I, on W. face, and
 $\frac{1}{4}$ S 6 l on E. face; from which
An aspen 4 ihs. in diam. bears S. 83°E. 10 lks.dist.
mkd. $\frac{1}{4}$ S 6 B T.
An aspen 4 ins. in diam. bears S. 45°W. 5 lks.dist.
mkd. $\frac{1}{4}$ S. 1 B T.

WEST BOUNDARY T.2 S.R.9 W.U.S.B.& M.

CHAINS

- 73.00 Ridge bears N. 83° W. and S. 80° E.
79.80 This being the length of the E.bdy. Set a sandstone 16x
10x4 ins. 11 ins. in the ground for cor. Tps. 1 and 2 S.Rs.
9 and 10 W., mkd. with 6 notches on each edge; from which
an aspen 6 ins. in diam. bears N. 72° E. 15 lks. dist.
mkd. T 1 S R 9 W S 31 B T.
An aspen 5 ins. in diam. bears S. 62° E. 80 lks. dist.
mkd. T 2 S R 9 W S 6 B T.
An aspen 8 ins. in diam. bears S. 77° W. 6 lks. dist.
mkd. T 2 S R 10 W S 1 B T.
An aspen 9 ins. in diam. bears N 1° W. 13 lks. dist.
mkd. T 1 S R 10 W S 36 B T.
Land mountainous.
Soil loam and stony; 2nd. and 3rd. rate.
Timber aspen
Mountainous land covered with heavy timber and dense
undergrowth. 79.80 chs.
Cloud obscures the sun, could get no lat. observation
today.

May 20, 1904.

NORTH BOUNDARY T.2 S.R.9 W.U.S.B.& M.

Survey commenced May 21, 1904, and executed with the
instrument described in Book "B". I know the instrument
to be an adjustment, from the recent tests made at the
cor. of Tps. 2 and 3 S. Rgs. 9 and 10 W. May 19th. and
20th. and recorded in this Book.

On the Second Guide Meridian West at the cor. of Tps.
1 and 2 S. Rgs. 8 and 9 W. which is a sandstone 5x11x8
ins. above ground, firmly set and marked and witnessed
as described under contract No. 278, George C. Swan and
Frederick C. Ferron, U.S. Deputy Surveyors.

NORTH BOUNDARY T.2 S.R.9 W.U.S.B.& M.

CHAINS

At 7h.a.m. l.m.t. I set off $40^{\circ}21'$ N. on lat. arc; $20^{\circ}12'N.$ on decl. arc, and determine a true meridian with the solar; thence I run

West on a random line along N. bdy. of Tp., setting temp. $\frac{1}{4}$ sec. and sec. cors. at intervals of 40.00 chs. and at 478.80 chs. Intersect N. and S. line, 138 lks. S. of cor. of Tps. 1 and 2 S. Rgs. 9 and 10 W.; heretofore described.

The course of this line is therefore $S.89^{\circ}50'E.$

May 21, 1904.

May 22, at the cor. of Tps. 1 and 2 S. Rgs. 9 and 10 W. heretofore described, I set off $40^{\circ}21'N.$ on lat. arc; $20^{\circ}24'N.$ on decl. arc; and at 7h. 30m. a.m. l.m.t. determine a true meridian with the solar; thence I run S. $89^{\circ}50'E.$ on N. bdy. of Tp. bet. secs. 6 and 31 Desc. over mountainous land, through heavy aspen timber.

31.00

Leave aspen bears N. and S.

Enter heavy pines bear N. and S.

38.80

Set a sandstone cobble $15 \times 11 \times 5$ ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; from which

A pine 12 ins. in diam. bears N. $71^{\circ}E.$ 28 lks. dist.
mkd. $\frac{1}{4}$ S 31 B T.

A burnt pine 10 ins. in diam bears S. $15^{\circ}W.$ 15 lks. dist.
mkd. $\frac{1}{4}$ S 6 B T.

Hollow 125 ft. deep course N. $30^{\circ}W.$

41.00

Leave pines bear N. and S.

Enter heavy aspen bear N. and S.

50.00

Spur projects N. $20^{\circ}W.$ Descend.

Leave aspen bear NW. and SE.

Enter dense sage and service-brush.

62.00

Enter heavy aspen bear NW. and SE.

Leave undergrowth.

78.80

Set a sandstone cobble $11 \times 9 \times 6$ ins. 8 ins. in the ground for cor. of secs. 5-6-31 and 32, marked

NORTH BOUNDARY T.2 S.R.9 W.U.S.B.& M.

CHAINS

with 5 notches on E. and 1 notch on W. edge; from which
An aspen 7 ins. in diam. bears N. $1\frac{1}{2}^{\circ}$ E. 112 lks.dist.
mkd. T 1 S R 9 W S 32 B T.
An aspen 5 ins. in diam..bears S. $25\frac{1}{2}^{\circ}$ E. 61 lks.dist.
mkd. T 2 S R 9 W S 5 B T.
An aspen 8 ins. in diam. bears S. 9 $^{\circ}$ W. 67 lks.dist.
mkd. T 2 S R 9 W S 6 B T.
An aspen 14 ins. in diam. bears N. $39\frac{1}{2}^{\circ}$ W. 194 lks.dist.
mkd. T 1 S R 9 W S 31 B T.

Land mountainous.

Soil loam and stony; 2nd. and 3rd. rate.

Timber pine and aspen.

Mountainous land heavy timber and dense undergrowth.

78.80 chs.

S. $89^{\circ}50'$ E. bet.: secs. 5 and 32

Desc. over mountainous land, through heavy aspen and timber.

18.00 Ravine 300 ft. deep, course SW.

Spring 2 chs. S. of line.

Leave aspen bear NE. and SW.

Enter dense sage and sarvi's brush.

Asc.

35.00 Spur projects S.

Desc.

Enter dense scrubby aspen brush.

40.00 Set a quartzite stone. $15 \times 11 \times 9$. ins. 10 ins. in the ground
for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; dig pits $18 \times 18 \times 12$
ins. E. and W. of stone 3 ft. dist.; and raise a mound
of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high N. of cor.

48.50 Ravine 500 ft. deep; course S.

Asc.

50.00 Leave aspen brush, bears N. and S.

76.30 Spur projects S.

Enter dense choakcherry brush.

Desc.

NORTH BOUNDARY T.2 S.R.9 W, U.S.B.& M.

- 78.50 Enter heavy aspen timber, bears N. 80° W. and S.
- 80.00 Set a quartzite stone 16x9x8 ins. 11 ins. in the ground for cor. of secs. 4-5-32 and 33,
mkd. 4 notches on E. and 2 notches on W: edge; from which
- An aspen 7 ins. in diam. bears N. 30° E. 24 lks.dist.
mkd. T 1 S R 9 W S 33 B T.
- An aspen 6 ins. in diam. bears S. 8° E. 24 lks.dist.
mkd. T 2 S R 9 W S 4 B T.
- An aspen 10 ins. in dia. bears S. 45° W. 35 lks.dist.
mkd. T 2 S R 9 W S 5 B T.
- An aspen 10 ins. in diam. bears N. 17° W. 20 lks.dist.
mkd. T 1 S R 9 W S 32 B T.
- Land mountainous.
- Soil stony; 3rd. rate.
- Timber scrubby and heavy aspen.
- Mountainous land heavy timber and dense undergrowth.
- 80.00 chs.
-
- S. $89^{\circ}50'$ E. bet. secs. 4 and 33
- Desc. over mountainous land, through heavy aspen and dense chokecherry brush.
- 2.50 Ravine 400 ft. deep, course S.
- Asc.
- 4.00 Leave aspen bears N. and S.
- Enter dense sage and service-brush.
- 29.00 Ridge bears NW. and SE.
- Desc.
- 40.00 Set a quartzite stone 14x10x4 ins. 9 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; dig pits 18x18x12 ins. E. and W. of stone, 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high N. of cor.
- 70.00 Enter heavy aspen timber, bears N. and SE.
- 79.00 Ravine 150 ft. deep, aspen scattering, course SE.
- Asc.
- 80.00 Set a quartzite stone 14x6x6 ins. 9 ins. in the ground

NORTH BOUNDARY T.2 S.R.9 W.U.S.B.& M.

CHAINS

for cor. of secs. 3-4-33 and 34, marked with
3 notches on E. and 3 notches on W. edge; from which
An aspen 6 ins. in diam. bears S. 34° E. 60 lks.dist.
mkd. T 2 S R 9 W S 3 B.T.
An aspen 9 ins. in diam. bears S. 80° W. 38 lks.dist.
mkd. T 2 S R 9 W S 4 B.T.
An aspen 4 ins. in diam. bears N. 83° W. 47 lks.dist.
mkd. T 1 S R 9 W S 33 B.T
No other trees within limit, therefore I raise a mound
of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
Land mountainous.
Soil stony; 3rd. rate.
Timber heavy aspen.
Mountainous land heavy timber, and dense undergrowth.

80.00 chs. _____

S. $89^{\circ}50'$ E. bet. secs. 3 and 34

Asc. over mountainous land, through dense sage and
service brush.

13.00 Spur projects SE.

Desc.

26.70 Enter heavy aspen bear N. and S.

31.50 Leave aspen bear N. and S.

40.00 Set a quartzite stone $14 \times 10 \times 4$ ins. 9 ins. in the ground
for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face, and raise a mound
of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.

43.25 Head of hollow, course SE.

Enter aspen, bear N. and S.

57.00 Leave aspen bear N. and S.

Enter dense oak and service brush.

80.00 Set a sandstone $18 \times 12 \times 4$ ins. 12 ins. in the ground,
for cor. of secs. 2-3-34 and 35,
mkd. 2 notches on E. and 4 notches on W. edge, and
raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.

Land mountainous..

Soil stony; 3rd. rate.

Timber aspen.

NORTH BOUNDARY T.2 S.R.9 W.U.S.B.& M.

CHAINS

Mountainous land, heavy timber and dense undergrowth. May 22, at this cor. I set off $20^{\circ}25'N.$ on decl. arc; and 11h. $56\frac{1}{2}'m.$ a.m.l.m.t. observe the sun on the meridian; the resulting lat. is $40^{\circ}21'07''N.$

S. $89^{\circ}50'E.$ bet. secs. 2 and 35

Desc. over broken mountainous land, through dense oak, and sage brush.

40.00 Set a quartzite stone $16 \times 12 \times 6$ ins. 11 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.

50.00 Red Creek 15 lks. wide, course S. 1000 ft. below sec. cor.

Asc.

53.00 Road bears N. and S.

75.00 Spur projects SW.

Desc.

79.00 Ravine 100 ft. deep, course S. $60^{\circ}W.$

Asc.

80.00 Set a quartzite stone $15 \times 11 \times 5$ ins. 10 ins. in the ground for cor. of secs. 1-2-35 and 36, mkd. 1 notch on E. and 5 notches on W. edge, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.

Land mountainous.

Soil loam and stony; 2nd. and 3rd. rate.

No timber.

Mountainous land covered with dense undergrowth. 80.00 chs.

S. $89^{\circ}50'E.$ bet. secs. 1 and 36

Asc. over mountainous land, through dense oak, sage and sarvis brush.

13.00 Spur projects S. $55^{\circ}W.$

20.00 Head of ravine 75 ft. deep, course SW.

Asc.

NORTHBOUNDARY T. 2 S.R. 9W. U.S.B. & M.

CHAINS	
24.60	Spur projects S.
	Desc.
40.00	Set a quartzite stone 13x9x7 ins. 9 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.
40.40	Ravine 150 ft. deep, course SW.
	Asc.
46.50	Spur projects SW.
	Desc.
57.00	Ravine 350 ft. deep, course SW.
	Asc.
80.00	The cor. of Tps. 1 and 2 S. Rgs. 8 and 9 W. on the, 2nd. G.M.
	Land mountainous.
	Soil stony; 3rd. rate.
	No timber.
	Mountainous land covered with dense undergrowth. 80.00 cl.s.

May 22, 1904.

For general description see subdivision of this Tp.

Byron S. Kershaw
U.S. Deputy Surveyor.

There being no notary public or other officer
authorized to administer oaths, within a reasonable
distance, at the beginning or ending of this survey;
therefore to save time and expense I administer the
preliminary and final oaths.

Byron S. Kershaw
U.S. Deputy Surveyor.

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BOUNDARIES OF TOWNSHIP 2 S., R. 9 W.U.S.B. & M.

LATITUDES, DEPARTURES AND CLOSING ERRORS.

Line Designated	True Bearing	Distance chs.	Latitudes		Departures	
			N. chs.	S. chs.	E. chs.	W. chs.
South Boundary	N. $89^{\circ}57'W.$	479.00	.42	.....	.....	479.00
West Boundary	North	479.80	479.80	.....	.....	.....
North Boundary	S. $89^{\circ}50'E.$	478.80	.....	.1.38	478.80	.....
East Boundary	South	479.80	.....	479.80	.....	.....
Convergency						.61
Totals			480.22	481.18	479.41	479.00
					480.22	479.00
Error in lat. and dep.					.96	.41

Bryon S. Kershaw
U.S. Deputy Surveyor.

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by

....., United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of

showing the respective capacities in which they acted:

....., *Chainman.*

....., *Chainman.*

For final affidavits see book "L". T.4 S.R.11 W., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted

....., United States Deputy Surveyor, in surveying all those parts or portions of the

....., of the

..... meridian, of which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for

For final affidavits see book "L". T.4 S.R.11 W., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

Subscribed and sworn to before me this }
day of , 189 }

████████
O HEAL O
████████

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from _____, United States Surveyor General for _____, bearing date of the _____ day of _____, 189_____, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for _____, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____.

For final affidavits see book "L" T.4 S.R.11 W.

of the _____ meridian, in the _____ of _____, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

United States Deputy Surveyor.

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 189 }



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, December 20, 1904.

The foregoing field notes of the survey of the West and North Boundaries of Township No. 2 South, Range No. 9 West of the Uintah Special Base and Meridian, Utah,

executed by Hubert D. Page and Byron S. Kershaw
their under his contract No. 279, dated July 22, 1903, XXX, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward A. Reed, Jr.
United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

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497 197

4-679.

BOOK A-313

FILED

SEP 30 1904

F.

FIELD NOTES

OF THE SURVEY OF THE

West
Boundary
of
Township No. 1 South
Range No. 9 West

of the Minto Special Base and Meridian,
In the state of ~~Illino~~.

AS SURVEYED BY

Hubert D. Page & Byron J. Kershaw, United States Deputy Surveyors,
Under their Contract No. 279, dated July 22nd, 1890.
Survey commenced May 23rd, 1890.
Survey completed May 23rd, 1890.

High 6.08.12 ✓ Closing 58.00 ✓

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NAMES AND DUTIES OF ASSISTANTS.

Gilbert J. Spalding Chairman ~~manuscript~~

Edward Murdoch " " ~~manuscript~~

Albert R. Davies ~~manuscript~~

Albert R. Davies ~~manuscript~~

William Keast ~~manuscript~~

For preliminary affidavits see book "B" T.4 S.R.2 W.

BOOK A-313

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Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

We, and
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

....., Chainman.

....., Chainman.

Subscribed and sworn to before me this }
day of , 189 }
 }



We, and
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

....., Moundman.

....., Moundman.

Subscribed and sworn to before me this }
day of , 189 }
 }



We, and
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

....., Axman.

....., Axman.

Subscribed and sworn to before me this }
day of , 189 }
 }



I, , do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

....., Flagman.

Subscribed and sworn to before me this }
day of , 189 }
 }



WEST BOUNDARY T.1 S.R.9 W.U.S.B.& M.

CHAINS

Survey commenced May 23, 1904, and executed with the instrument described in Book "B" of this survey. I know the instrument to be in adjustment, from recent tests made at the cor. of Tps. 2 and 3 S. Rgs. 9 and 10 W. May 19th. and 20th. and recorded in Book "E" of this survey.

At the cor. of Tps. 1 and 2 S. Rgs. 9 and 10 W. previously described. At 7h. a.m. l.m.t. I set off $40^{\circ}41'N.$ on lat. arc; $20^{\circ}35\frac{1}{2}'N.$ on decl. arc, and determine a true meridian with the solar; thence I run

N. on W. bdy. of Tp. bet. secs 31 and 36
Asc. over mountainous land, through dense choke cherry, squaw and serviceberry brush and heavy aspen timber.

5.00 Spur projects E.

Leave aspen bear E. and W.

Desc.

18.00 Hollow, course SE.

Enter aspen bear NW. and SE.

Asc.

40.00 Set a quartzite ^{stone}, 14x10x5 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; from which

An aspen 10 ins. in diam. bears NE. 7 lks. dist.

mkd. $\frac{1}{4}$ S 31 B T.

An aspen 5 ins. in diam. bears S 22°W. 47 lks. dist.

mkd. $\frac{1}{4}$ S 36 B T.

61.00 Spur projects SE.

Desc.

68.00 Enter heavy pines, dead and fallen timber, bears NW. and SE.

80.00 Set a quartzite ^{stone}, 18x10x4 ins. 12 ins. in the ground, for cor. of secs. 25-30-31 and 36,

5 notches on N. and 1 notch on S. edge, from which

A pine 8 ins. in diam. bears N. $20\frac{1}{2}^{\circ}$ E. 30 lks. dist.

mkd. T 1 S R 9 W S 30 B T.

WEST BOUNDARY T.1 S.R.9 W.U.S.B. & H.

CHAINS

A pine 4 ins. in diam. bears S. 54° E. 6 lks. dist.
mkd. T 1 S R 9 W S 31 B T.

A pine 5 ins. in diam. bears S. 26° W. 22 lks. dist.
mkd. T 1 S R 10 W S 36 B T.

A pine 14 ins. in diam. bears N. 79° W. 79 lks. dist.
mkd. T 1 S R 10 W S 25 B T.

Land mountainous.

Soil loam and stony; 2nd. and 4th. rate.

Timber pine and aspen.

Mountainous land covered with dense undergrowth; and
heavy timber. 80.00 chs.

N. bet. secs. 25 and 30

Desc. over mountainous land, through dead and fallen
timber.

40.00 In head of hollow, course N. 20° W.

Set a sandstone 12x12x5 ins. 8 ins. in the ground,
for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face, and raise a mound of
stone 2 ft. base $1\frac{1}{2}$ ft. high. W. of cor.

44.00 Enter heavy aspen timber, bears E. and W.

60.00 Spur projects NW.

78.30 Spring branch 3 lks. wide 1200 ft. below sec. cor.,
course NE.

ABC.

80.00 An aspen tree 10 ins. in diam. for cor. of sec.

19-24-25 and 30, I mkd. T 1 S S 19 on NE.,

R 9 W S 30 on SE.,

S 25 on SW .., and S 24 on NW. side with 4 notches
on N. and 2 notches on S. side;
from which

An aspen 5 ins. in diam. bears N. 54° E. 12 lks. dist.
mkd. T 1 S R 9 W S 19 B T.

A pine 10 ins. in diam. bears S. 51° E. 13 lks. dist.
mkd. T 1 S R 9 W S 30 B T.

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WEST BOUNDARY T.1 S.R.9 W.U.S.B.& M.

CHAINS

- An aspen 6 ins. in diam. bears S. 44° W. 9 lks.dist.
mkd. T 1 S R 10 W S 25 B T.
- An aspen 6 ins. in diam. bears N. 78° W. 47 lks.dist.
mkd. T 1 S R 10 W S 24 B T.
- Land mountainous.
- Soil loam and stony; 2nd. and 4th. rate.
- Timber pine and aspen.
- Mountainous land and heavy timber. 80.00 chs.
-
- N. bet. secs. 19 and 24
- Asc. over mountainous. land, through heavy aspen timber
and dense chokecherry, squaw and serviceberry brush.
- 12.00 Spur projects NE.
- Desc.
- 25.25 Red Creek 7 lks. wide in ravine 350 ft. deep, course
N. 65° E.
- Leave timber, bears N. 65° E. and S. 65° W.
- Asc.
- 40.00 Set a quartzite cobble ^{stone} 15x10x8 ins. 10 ins. in the ground
for $\frac{1}{4}$ sec. cor., $\frac{1}{4}$ on W. face, and raise a mound of
stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
- 43.00 Enter scattering aspen bear E. and W.
- 50.00 Heavy aspen bear E. and W.
- Spur projects SE.
- Desc.
- 73.20 Spring branch 2 lks. wide, in ravine 100 ft. deep,
course SE.
- Asc.
- 80.00 Set a sandstone 20x10x7 ins. 15 ins. in the ground,
for cor. of secs. 13-18-19 and 24,
mkd. 3 notches on N. and 3 notches on S. edge,
from which
- An aspen 10 ins. in diam. bears N. 70° E. 17 lks.dist.
mkd. T 1 S R 9 W S 18 B T.

WEST BOUNDARY T.1 S.R.9 W.U.S.B.& M.

CHAINS

An aspen 10 ins. in diam. bears S. $37^{\circ}W.$ 53 lks.dist.
mkd. T 1 S R10 W S 24 B T.

An aspen 18 ins. in diam. bears S. $39^{\circ}E.$ 59 lks.dist.
mkd. T 1 S R 9 W S 19 B T.

An aspen 6 ins. in diam. bears N. $1^{\circ}W.$ 10 lks.dist.
mkd. T 1 S R 10 W S 13 B T.

Land mountainous.

Soil stony; 3rd. rate.

Timber aspen.

Mountainous land, covered with dense undergrowth;
and heavy timber. 80.00 chs. ✓

May 23, at this cor. I set off $20^{\circ}37'N.$ on decl. arc;
and 11h. $56\frac{1}{2}m.$ a.m. l.m.t. observe the sun on the meri-
dian, the resulting lat. is $40^{\circ}24'N.$

N. bet. secs. 13 and 18

Asc. over mountainous land, through heavy aspen timber,
and dense chokecherry and service berry brush.

20.00

Ridge bears E. and W.

Desc. through pines and aspen.

40.00

Set a limestone 16x11x5 ins. 11 ins. in the ground,
for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; from which

A pine 16 ins. in diam. bears N. $50^{\circ}E.$ 23 lks.dist.
mkd. $\frac{1}{4}$ S 18 B T.

A pine 20 ins. in diam. bears $NE^{\circ}70^{\circ}W.$ 29 lks.dist.
mkd. $\frac{1}{4}$ S 13 B T.

40.75

Spring branch of Red Creek 6 lks. wide in ravine 300 ft.
deep, course E.

Asc.

74.50

Aspen scattering.

80.00

Set a sandstone 16x13x8 ins. 11 ins. in the ground,
for cor. of secs. 7-12-13 and 18, mkd.,
2 notches on the N. and 4 notches on S. edge;
from which

WEST BOUNDARY T.1 S.R.9 W.U.S.B.& N.

CHAINS

An aspen 3 ins. in diam. bears N $22\frac{1}{2}$ E. 35 lks.dist.
mkd. T 1 S R 9 W S 7 B T.

An aspen 4 ins.. in diam. bears S. 68 $\frac{1}{2}$ W. 64 lks.dist.
mkd. T 1 S R 10 W S 13 B T..

An aspen 3 ins. in diam.. bears N. 87 $\frac{1}{2}$ W. 4 lks.dist.
T 1 S R 10 W S 12 B T.

No other trees within limit.

Raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.

Land mountainous.

Soil stony; 3rd. rate.

Timber pines and aspen.

Mountainous land covered with dense undergrowth; and
heavy timber. 80.00 chs,

N. bet. secs. 7 and 12

Asc. over mountainous land, through scattering aspen
timber, and dense chokecherry, and service berry brush.

24.00

Ridge bears N. 80°W. and S. 80° E.

Enter heavy aspen and fallen timber bears E. and W.

Desc.

40.00

Set a sandstone 14x10x6 ins. 10 ins. in the ground,
for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face;
from which

An aspen 3 ins. in diam. bears N. 70°E. 64 lks.dist.
mkd. $\frac{1}{4}$ S 7 B T.

An aspen 3 ins. in diam. bears N. 42° W. 129 lks.dist.
mkd. $\frac{1}{4}$ S 12 B T.

75.40

Ravine 700 ft. below ridge, course SE.

Leave heavy timber.

Enter dense young aspen, bear E. and W..

78.00

Leave young aspen, bears E. and W..

Enter dense oak and sage brush.

80.00

Set a limestone 16x8x6 ins. 11 ins. in the ground,
for cor. of secs. 1-6-7-and 12;

WEST BOUNDARY T.1 S.R.9 W.U.S.B.& M.

CHAINS

mkd. 1. notch on N. and 5 notches on S. edge, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Land mountainous. 80.00 chs.
 Soil stony; 3rd. rate.
 Timber heavy aspen..
 Mountainous land covered with dense undergrowth, and heavy timber. 80.00 chs.

N. bet. secs. 1 and 6

Asc. over mountainous land, through dense oak and sage brush.

10.00 Spur projects SE.

Desc.

21.00 Sand Creek 1 lk. wide in ravine 300 ft. deep, course E.

Asc.

30.00 Enter steep slide, and broken sandstone ledges.

40.00 Point for $\frac{1}{4}$ sec. cor. falls in slides.

52.50 On ridge bears E. and W.

Top of slides and ledges bear E. and W.

Set a limestone $18 \times 10 \times 5$ ins. 12 ins. in the ground, for witness cor. to $\frac{1}{4}$ sec. cor., mkd. W C $\frac{1}{4}$ on W. face; and raise a mound of stone 2 ft., base $1\frac{1}{2}$ ft. high W. of cor.

Desc.

58.00 Enter dense young aspen, and dead and fallen timber.

80.00 Spring branch 5 lks. wide in ravine 800 ft. below ridge, course NE.

Asc.

88.12 Intersect Uintah Special Base, 12.55 chgs. W. of standard $\frac{1}{4}$ sec. cor. sec. 31 T.1 S.R.9 W. which is a quartzite $5 \times 12 \times 4$ ins. above ground, firmly set and marked and witnessed as described under contract No. 276, by Deputy Fred Johnson. Set a quartzite $14 \times 10 \times 6$ ins. 10 ins. in the ground, for closing cor. to Tps. 1 S. Rgs. 9 and 10 W.,

-7-

WEST BOUNDARY T.1 S.R.9 W.U.S.B.& M.

CHAINS

mkd. 6 grooves on S., E., and W. faces, and CC on S. face; from which

An aspen 3 ins. in diam. bears S. 78° E. 26 lks. dist.

mkd. T 1 S R 9 W S 6 B T.

An aspen 3 ins. in diam. bears S. 22° W. 37 lks. dist.

mkd. T 1 S R 10 W S 1 B T.

Land mountainous.

Soil stony; 3rd. rate.

Timber young aspen.

Mountainous land covered with dense young aspen, and undergrowth. 88.12 chs.

May 23, 1904.

For general description see subdivision of this Tp.

Byron S. Kershaw
U.S. Deputy Surveyor.

There being no notary public or other officer authorized to administer oaths, within a reasonable distance, at the beginning or ending of this survey, therefore to save time and expense I administer the preliminary and final oaths myself.

Byron S. Kershaw
U.S. Deputy Surveyor.

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BOUNDARIES OF TOWNSHIP 1 S., R.9 W., U.S.B.& M.

Latitude, Departures, and Closing Errors.

Line Designated	True Bearing	Distance chs.	Latitude N. chs.	S. chs.	Departure E. chs.	W. chs.
... P.1 S., R.9 W. N.89°50'W.		478.80	1.38			478.80
" " " " " North		488.12	488.12			
Match Special Line "	East	480.26			480.26	
... P.1 S.R.9 W. South		480.80		489.80		
Emergency					.61	
Total		489.50	489.80	480.87	478.80	
Sum in latitude and departure.				.30	2.07	

Byron S. Kershaw
U.S. Deputy Surveyor.

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PAGE

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.**LIST OF NAMES.**

A list of the names of the individuals employed by _____

_____, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____

showing the respective capacities in which they acted:

For final affidavits see book "L" T.4 S.R.11 W. _____, *Chainman.*

_____, *Chainman.*

_____, *Moundman.*

_____, *Moundman.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____

_____, United States Deputy Surveyor, in surveying all those parts or portions of the _____

of the _____

_____ meridian, _____ of _____, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for _____

For final affidavits see book "L" T.4 S.R.11 W. _____, *Chainman.*

_____, *Chainman.*

_____, *Moundman.*

_____, *Moundman.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

Subscribed and sworn to before me this _____ }
day of _____, 189 _____ }



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from United States Surveyor General for bearing date of the day of 189 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of

For final affidavits see book "L" T.4 S.R.11 W.

..... of the meridian, in the of which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

United States Deputy Surveyor

Subscribed by said and sworn to before me }
this day of 189 }

000000
S E A L S
000000

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, December 20 1894

The foregoing field notes of the survey of the West Boundary of Township No.1 South, Range No.9 West of the Uintah Special Base and Meridian, Utah

executed by Hubert D. Page and Byron S. Kershaw
under his contract No. 279, dated July 22, 1903, xxx, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward R. Anderson
United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in has been correctly copied from the original notes on file in this office.

United States Surveyor General

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4-679.

BOOK A-313

FILED

OCT 8 1904

W.H.B.

FIELD NOTES

OF THE SURVEY OF THE

West ^{and} North
Boundaries
of
Township No. 4 South
Range No. 10 West

of the United Special Base and Meridian,
In the State of Utah.

AS SURVEYED BY

Hubert D. Page ^{and} Beyond Kershaw, United States Deputy Surveyor,
Under his Contract No. 279, dated July 22nd, 1890.
Survey commenced May 24th, 1890.
Survey completed May 27th, 1890.

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NAMES AND DUTIES OF ASSISTANTS.

Gilbert J. Walters, chairman.

Edward Murdock. "

Albert R. Davies Moundman

Albert R. Davies Alman

William Kershaw Flagman

For preliminary affidavits see book "B" T.4 S.R.9 W.

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Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

WE, and
 do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

, Chainman.

, Chainman.

Subscribed and sworn to before me this }
 day of , 189 }



WE, and
 do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey o

, Moundman

, Moundman

Subscribed and sworn to before me this }
 day of , 189 }



WE, and
 do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corne and other duties, according to instructions given us, to the best of our skill and ability, in the survey o

, Axman

, Axman

Subscribed and sworn to before me this }
 day of , 189 }



I, , do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

, Flagma

Subscribed and sworn to before me this }
 day of , 189 }



WEST, BOUNDARY, T. 4 S., R. 10 W. U. S. B. & M.

Survey commenced May 24, 1904, and executed with the transit described in Book "B" of this survey.

I examined the adjustments of the transit, and find them correct; then to test the solar apparatus by comparing its indications resulting from solar observations, made during p.m. and a.m. hours, with a meridian determined by Polaris observations; I proceed as follows:

At the standard corner of Tp. 4 S., Rge. 10 and 11 W. lat. $40^{\circ}05'28''$ N., long. $111^{\circ}05'59''$ W., previously described, I set off $40^{\circ}05\frac{1}{2}'$ N. on lat. arc; $20^{\circ}50\frac{1}{2}'$ N. on decl. arc, and at 4h. p.m. l.m.t. determine a true meridian with the solar, and mark a point thereof on a stone firmly set in the ground, 5 chs. N. of my station.

At 9h. 15m. p.m.l.m.t. I observe Polaris at lower culmination, in accordance with the Manual of Instructions; the meridian thus determined falls on a pole set on the mark determined by p.m. solar observations.

May 24, 1904.

May 25, at 7h. a.m.l.m.t. I set off $40^{\circ}05\frac{1}{2}'$ N. on lat. arc; $20^{\circ}58'$ N. on decl. arc, and determine a true meridian with the solar; the meridian thus determined falls on a pole set on the mark determined by p.m. and Polaris observations.

The solar apparatus by p.m. and a.m. observations defines the position for meridian the same as Polaris observations; therefore, I conclude the adjustments of the instrument are correct.

The magnetic bearing of the true meridian at 7h. 30m. a.m. l.m.t. is N 117° W; the angle thus determined gives the magnetic declination 17° E.

WEST BOUNDARY T:4 S:R.10 W.U.S.B.& M.

CHAINS

From the standard Tp. cor. already described I run N. on W. bdy. of Tp. 4 S. R. 10 W. bet. secs. 31 and 36 asc. over mountainous land, through dense sage, squaw and service-berry brush, and aspen timber.

- 7.00 Spur projects SE.
- 19.50 Ravine 1500 ft. below top, course SE.
- 31.00 Leave aspen bears NW. and SE.
- 40.00 Set a sandstone 18x12x6 ins. 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. rface, and raised compound of stones 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
- 50.00 Enter aspen bear E. and W.
- 59.00 Ridge bears N. 65° E. and S. 65° W.
- Desc.
- 64.00 Enter pines bear E. and W.
- 70.00 Leave pines, bear E. and W.
- 80.00 Set a sandstone 16x10x3 ins. 11 ins. in the ground, for cor. of secs. 25-30-31 and 36, mkd. 5 notches on N. and 1 notch on S. edge; from which
- An aspen 6 ins. in diam. bears N. 76° E. 32 lks. dist. mkd. T 4 S R 10 W S 30 B T.
- An aspen 6 ins. in diam. bears SE. 40 lks. dist. mkd. T 4 S R 10 W S 31 B T.
- An aspen 6 ins. in diam. bears S. 51° W. 33 lks. dist. mkd. T 4 S R 11 W S 36 B T.
- An aspen 6 ins. in diam. bears N. 20° W. 20 lks. dist. mkd. T 4 S R 11 W S 25 B T.
- Land mountainous.
- Soil stony; 3rd. and 4th. rate.
- Timber heavy pine and aspen
- Mountainous land, heavy timber, and dense undergrowth.
- 80.00 chs.

WEST BOUNDARY T.4 S.R.10 W.U.S.B.& M.

CHAINS

N. bet. secs. 25 and 30

Desc. over mountainous land; through heavy aspen timber, and dense squaw and service berry brush

28.00 Leave aspen, bear E. and W.

40.00 Set a sandstone 18x12x3 ins. 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; from which

an aspen 4 ins. in diam. bears N. 10° E. 119 lks. dist. mkd. $\frac{1}{4}$ S 30 B T.

An aspen 6 ins. in diam. bears N. 77° W. 69 lks. dist. mkd. $\frac{1}{4}$ S 25 B T.

41.00 Enter heavy aspen, bear E. and W.

52.00 Ravine 200 ft. deep, course NW.

Aspen scattering.

Asc.

57.00 Aspen heavy.

67.00 Spur projects NW.

80.00 Set an aspen post 3 ft., long 4ins. sq., 24 ins. in the ground, for cor. of secs. 19-24-25 and 30, mkd.

T 4 S S 19 on NE.,

R 10 W S 30 on SE.,

S 25 on SW., and,

S 24 on NW. face, and

4 notches on N. and 2 notches on S. edge;

from which

An aspen 10 ins. in diam. bears N. 79° E. 51 lks. dist. mkd. T 4 S R 10 W S 19 B T.

An aspen 12 ins. in diam. bears S. $57\frac{1}{2}^{\circ}$ E. 36 lks. dist. mkd. T 4 S R 10 W S 30 B T.

An aspen 14 ins. in diam. bears S. $64\frac{1}{2}^{\circ}$ W. 39 lks. dist. mkd. T 4 S R 11 W S 25 B T.

An aspen 12 ins. in diam. bears N. 22° W. 14 lks. dist. mkd. T 4 S R 11 W S 24 B T.

WEST BOUNDARY T.4 S.R.10W.U.S.B.& M.

CHAIN.

Land mountainous.

Soil loam and stony; 2nd. and 4th. rate.

Timber heavy aspen.

Mountainous land heavily timbered, and covered with dense undergrowth. 80.00 chs.

N. bet. secs. 19 and 24

Desc. over mountainous land, through heavy aspen and scattering pine timber.

21.00 Leave pines, bear NW. and SE.

22.15 Ravine 500 ft. deep, course S. 80°W.

Asc.

35.50 Leave aspen, bear E. and W.

40.00 Set a sandstone 16x10x3 ins. 11 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.

42.00 Spur projects NE.

Desc.

56.00 Enter heavy aspen, bear NE. and SW.

59.00 Leave aspen, bears NE. and SW.

75.00 Enter dense young aspen.

80.00 Set a sandstone 12x10x4 ins. 8 ins. in the ground, for cor. of secs. 13-18-19 and 24, mkd. 3 notches on N. and 3 notches on S. edge; from which

An aspen 5 ins. in diam, bears N. 36°E. 121 lks. dist. mkd. T 4 S R 10 W S 18 B T.

An aspen 3 ins. in diam. bears S. 20°E. 43 lks. dist. mkd. T 4 S R 10 W S 19 B T.

An aspen 3 ins. in diam. bears S. 8°W. 67 lks. dist. mkd. T 4 S R 11 W S 24 B T.

An aspen 3 ins. in diam. bears N. 24°W. 115 lks. dist. mkd. T 4 S R 11 W S 13 B T.

Land mountainous.

Soil stony; 3rd. rate.

WEST BOUNDARY T.4 S.R.10 W.U.S.R.& M.

CHAINS	
	Timber aspen and pines.
	Mountainous land, heavily timbered. 80.00 chs.
	May 25, at this cor. I set off 20°59'N. on decl. arc; and 11h.57m. a.m. l.m.t. observe the sun on the meridian the resulting is 40°08'N.
	N. bet. secs. 13 and 18
	Desc. over mountainous land, through dense young aspen, and scattering pines.
29.00	Leave aspen and pines, bear E. and W.
	Enter dense sage and service berry brush
38.80	Strawberry River 71 lks. wide, 500 ft. below sec. cor., course E.
	Asc.
40.00	Set a sandstone 15x10x7 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; from which
	A sandstone ledge 15x12x6 ft. above ground, bears N. 36°E. 31 lks. dist.
	mkd. $\frac{1}{4}$ S 18 B 0, with a cross
	A sandstone ledge 10x10x8 ft. above ground bears N. 20°W. 70 lks. dist.
	mkd. $\frac{1}{4}$ S 13 B 0, with a cross
40.50	Broken sandstone ledges bear NW. and SE.
47.15	Leave ledges, bear NW. and SE.
52.00	Hollow, course SE.
	Asc.
74.00	Enter dense young aspen, bear E. and W.
75.10	Leave aspen, bear E. and W.
80.00	Set a sandstone 15x8x6 ins. 10 ins. in the ground, for cor. of secs. 7-12-13 and 18, mkd. 2 notches on N. and 4 notches on S edge, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.

WEST BOUNDARY T.4 S.R.10 W.U.S.B.& M.

CHAINS	
	Land mountainous.
	Soil loam and stony; 2nd. and 4th. rate.
	Timber pine and aspen.
	Mountainous land, heavily timbered, and dense under-growth. 80.00 chs.

	N. bet. secs. 7 and 12
	Desc. over mountainous land, through dense sage brush.
2.00	Hollow, course E.
	Asc.
10.00	Spur projects E.
	Desc.
20.00	Hollow, course NE.
	Asc.
34.50	Enter heavy aspen, bears E. and W.
37.00	Spur projects E.
	Leave aspen, bears NE. and SW.
	Desc.
40.00	Set a sandstone 15x12x4 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
41.75	Hollow, course E.
	Asc.
47.00	Spur projects E.
	Desc.
52.00	Hollow, course E.
	Sheep corral 10 chs. E. of line.
	Asc.
64.25	Ridge bears E. and W.
	Desc.
80.00	In ravine 150 ft. deep, course N. 70°E.
	Set a sandstone 20x15x7 ins. 15 ins. in the ground, for cor. of secs. 1-6-7 and 12,
	mkd. 1 notch on N. and 5 notches on S. edge, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.

WEST BOUNDARY T.4 S., R.10 W., U.S.B.& M.

CHAINs

Land mountainous.

Soil loam; 1st. rate.

Timber aspen.

Mountainous land; heavily timbered or covered with dense undergrowth. 30.00 chs.

N. bet. secs. 1 and 6

Ascend over mountainous land, through dense sage brush.

9.00 Enter heavy aspen timber, bear E. and W.

12.50 Leave aspen timber, bear NE. and SW.

25.00 Spur projects E., descend.

40.00 Small grove of aspen 1 ch. in diam.

Set a sandstone 20x12x8 ins., 15 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; from whichAn aspen 4 ins. diam., bears N. $4\frac{1}{2}$ °E. 42 lks. dist.
mkd. $\frac{1}{2}$ S 6 B T.An aspen 5 ins. diam., bears S. $86^{\circ}W.$ 8 lks. dist.
mkd. $\frac{1}{2}$ S 1 B T.

64.00 Spring 60 lks. E. of line.

65.65 Ravine 200 ft. below $\frac{1}{4}$ sec. cor., course NE., ascend.

66.95 Old road bears NE. and SW.

80.00 Set a sandstone 15x12x8 ins., 10 ins. in the ground, for cor. of Tps. 3 and 4 S., Rs. 10 and 11 W., mkd. 3 S on NE.
10 W. on SE., 4 S on SW., 11 W. on NW. faces with 6 notches
on N., S., E. and W. edges; dig pits 24x24x12 ins. on each
line N., S., E. and W. 4 ft., and S. of stone 8 ft. dist.,
and raise a mound of earth 5 ft. base, $2\frac{1}{2}$ ft. high S. of cor.

Land mountainous.

Soil loam and stony; 1st. and 3rd. rate.

Timber aspen.

Mountainous land; heavily timbered, and covered with dense undergrowth. 30.00 chs.

May 25, 1904.

NORTH BOUNDARY T.4 S., R.10 W., U.S.B.& M.

CHAINS

Survey commenced May 26, 1904, and executed with the instrument described in Book "B" of this survey. I know the instrument to be in adjustment from recent tests made at the standard corner of Tp. 4 S., Rs. 10 and 11 W., May 24th. and 25th. and recorded in this book.

At the corner of Tps. 3 and 4 S., Rs. 9 and 10 W., previously described. At 7h. a.m. l.m.t. I set off $40^{\circ}11'N.$ on lat. arc; $21^{\circ}08\frac{1}{2}'N.$ on decl. arc, and determine a true meridian with the solar; thence I run,

W. on a random line along N. bdy. of Tp., setting temp. $\frac{1}{2}$ sec. and sec. cors. at intervals of 40.00 chs. and at 479.50 chs.

Intersect N. and S. line 56 lks. N. of cor. of Tps. 3 and 4 S., Rs. 10 and 11 W.; heretofore described, the course of this line is therefore N. $89^{\circ}56'E.$

May 26, 1904.

May 27, 1904, at the cor. of Tp. 3 and 4 S., Rs. 10 and 11 W., heretofore described, I set off $40^{\circ}11'N.$ on lat. arc, $21^{\circ}18\frac{1}{2}'N.$ on decl. arc, and at 7h. a.m. l.m.t. determine a true meridian with the solar; thence I run

N. $89^{\circ}56'E.$ on N. bdy. of Tp. bet. secs. 6 and 31 Desc. over mountainous land, through dense sage brush.

20.00 Hollow, course NE., old road, bears NE. and SW., ascend. Set a sandstone 12x10x4 ins., 8 ins. in the ground, for $\frac{1}{4}$ sec. cor., mrd. $\frac{1}{4}$ on N. face, and dig pits 18x18x12ins. E. and W. of stone, 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.

54.10 Ridge bears NW. and SE., and road bears NW. and SE., desc.

59.75 Spring drains SE., and head of hollow, course SE., ascend.

79.50 Set a sandstone 18x12x6 ins., 12 ins. in the ground, for cor. of secs. 5-6-31 and 32, mrd. with 5 notches on E., and 1 notch on W. edges; and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.

NORTH BOUNDARY T.4 S.R.10 W.U.S.B.& M.

CHAINS	
	Land mountainous.
	Soil loam and stony; 1st. and 3rd. rate.
	No timber.
	Mountainous land covered with dense undergrowth. 79.50 chs.
	<hr/>
2.00	W. 89°56'E. bet. secs. 5 and 32 Asc. over mountainous land, through dense sage brush. Spur projects SE. Desc.
20.00	Hollow SE. Asc.
40.00	Set a sandstone cobble 15x8x8 ins. 10 ins. in the ground for $\frac{1}{2}$ sec. cor., mka. $\frac{1}{2}$ on N. face, and raise a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high N. of cor.
55.00	Ridge bears N. and S. Desc.
67.00	Sandstone ledge 6 ft. high, bears N. and S.
80.00	Set a sandstone 13x18x4 ins. 12 ins. in the ground, for cor. of secs. 4-5-30 and 33; mka. 4 notches on E. and 2 notches on W. edge; dig pits 18x18x12ins. in each sec. 5 $\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high W. of cor. Land mountainous. Soil loam and stony; 2nd. and 3rd. rate. No timber. Mountainous land covered with dense undergrowth. 80.00 chs.
	<hr/>
1.25	W. 89°56'E. bet. secs. 4 and 33 Desc. over mountainous land through dense sage brush. Soldier Creek 4 lks. wide, course S.
20.00	Enter heavy aspen timber.
40.00	Set a sandstone 20x10x8 ins. 15 ins. in the ground, for $\frac{1}{2}$ sec. cor., mka. $\frac{1}{2}$ on N. face; from which

NORTH BOUNDARY T.4 S.R.10 W.U.S.B.& M.

CHAINS	An aspen 4 ins. in diam. bears S.~30°W. 40 lks.dist. mkd. $\frac{1}{4}$ S 4 B T.
	An aspen 4 ins. in diam.bears N. 70°W. 26 lks.dist. mkd. $\frac{1}{4}$ S 35 B T.
59.00	Ridge bears NE. and SW. Desc.
65.00	Ravine 100 ft. deep, course SW. Leave aspen, bear NE. and SW.
	Enter dense oak, sage and service berry brush; ascend.
80.00	Set a sandstone 18x14x8 ins. 12 ins. in the ground, for cor. of secs. 3-4-33 and 34, mkd. 3 notches on E. and 3 notches on W. edge, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Land mountainous. Soil loam and stony; 1st. and 3rd. rate. Timber aspen. Mountainous land, covered with dense undergrowth; and heavy timber. 80.00 chs.
	N. 89°56'E. bet. secs. 3 and 34 Asc. over mountainous land, through dense oak,sage and service berry brush.
4.00	Spur projects SW. Enter aspen, bears N. and S. Desc.
21.00	Leave aspen, bear NW. and SE.
27.00	Ravine 200 ft. deep, course SW.
40.00	Set a sandstone 14x8x6 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor. On ridge NE. and SW.
	Desc.
45.00	Enter heavy aspen, bear NE. and SW.
70.00	Ravine 200 ft. deep, course NE.

NORTH BOUNDARY T.4 S.R.10 W.U.S.B.& M.

CHAINS	Arc.
80.00	Set a sandstone 14x8x5 ins. 10 ins. in the ground, for cor. of secs. 2-3-34 and 35, mkd. 2 notches on E. and 4 notches on W. edge; from which An aspen 6 ins. in diam. bears N. $67^{\circ}E.$ 12 lks.dist. mkd. T 3 S R 10 W S 35 B T. An aspen 4 ins. in diam. bears S. $42^{\circ}E.$ 16 lks.dist. mkd. T 4 S R 10 W S 2B T. An arpen 4 ins. in diam. bears S. $60^{\circ}W.$ 19 lks.dist. mkd. T 4 S R 10 W S 3 B T. An aspen 4 ins. in diam. bears N. $10^{\circ}W.$ 6 lks.dist. mkd. T 3 S R 10 W S 34 B T. Land mountainous. Soil loam and stony; 2nd. and 3rd. rate. Timber heavy aspen. Mountainous land, covered with dense undergrowth; and heavy timber. 80.00 chs. May 27, at this cor. I set off $21^{\circ}20'N.$ on decl. arc, and 11h. 57m. a.m. l.m.t. deter- mine a true meridian with the solar; the resulting lat. $40^{\circ}11'N.$
40.00	N. $89^{\circ}56'E.$ bet. secs. 2 and 35 Arc. over mountainous land, through heavy aspen, and dense sage and barvis brush. On ridge, bears NW. and SE. Set a sandstone 15x12x8 ins. 10 ins., in the ground, for $\frac{1}{2}$ sec. cor., mkd. $\frac{1}{2}$ on N. face; from which An aspen 4 ins. in diam. bears N. $84^{\circ}E.$ 63 lks.dist. mkd. $\frac{1}{2}$ S 35 B T. An aspen 6 ins. in diam. bears S. $22\frac{1}{2}^{\circ}E.$ $9\frac{1}{2}$ lks.dist. mkd. $\frac{1}{2}$ S 2 B T. Desc. Leave aspen, bear N. and S.
45.00	

NORTH BOUNDARY T.4 S.R.10 W.U.S.B.& M.

CHAINS	
	Enter dense sage brush.
63.00	Hollow drains NE.
	Asc..
80.00	On spur projects NE. Set a sandstone 18x12x6 ins. 12 ins. in the ground, for cor of secs. 1-2-35 and 36, mkd. 1 notch on E. and 5 notches on W. edge, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Land mountainous. Soil loam and stony; 2nd. and 3rd. rate. Timber aspen. Mountainous land covered with dense undergrowth; and heavy timber. 80.00 chs.
	N. $89^{\circ}56' E.$ bet. secs. 1 and 36
	Desc. over mountainous land, through dense sage brush.
10.00	Ravine 75 ft. deep, course SW.
	Asc..
25.00	Spur projects NW. Desc.
40.00	Set a sandstone 18x14x5 ins. 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.
44.00	Head of hollow, course NW.; asc.
74.00	Enter aspen, bear N. and S.
80.00	The cor. of Tps. 5 and 4 S.Rs. 9 and 10 W. Land mountainous. Soil loam and stony; 2nd. and 3rd. rate. Timber heavy aspen. Mountainous land covered with dense undergrowth, and heavy timber. 80.00 chs.
	May 27, 1904.

NORTH BOUNDARY T.4 S.R.10 W.U.S.B.& M.

CHAINS

For general description see subdivision of this Tp;

Byron S. Kershaw
U.S. Deputy Surveyor.

There being no notary public or other officer authorized to administer oaths, within a reasonable distance, at the beginning or ending of this survey, therefore to save time and expense I administer the preliminary and final oaths myself.

Byron S. Kershaw
U.S. Deputy Surveyor.

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BOUNDARIES OF TOWNSHIP 4 S., R.10 W., U.S.B.& M.

Latitude, Departures, and Closing Errors.

Line Designated	True Bearing	Distance chrs.	Latitude		Departure	
			N. chrs.	S. chrs.	E. chrs.	W. chrs.
3dy. T.4 S. R.10W. West		480.00				480.00
" " " " " North		480.00	480.00			
" " " " N.89°56'E.		479.50	.56		479.50	
" " " " South		480.00		480.00		
vergency					.61	
als			480.56	480.00	480.11	480.00
ors in latitude and departure.			<u>480.00</u>		<u>480.00</u>	
				.56		.11

Bayone S. Kershaw
U.S. Deputy Surveyor.

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.**LIST OF NAMES.**

A list of the names of the individuals employed by _____

....., United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____

showing the respective capacities in which they acted:

For final affidavits see book "L" T.4 S.R.11 W., Chainman.

....., Chainman.

....., Moundman.

....., Moundman.

....., Axman.

....., Axman.

....., Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____

....., United States Deputy Surveyor, in surveying all

those parts or portions of the _____

....., of the _____

meridian, of which are represented

the foregoing field notes as having been surveyed by him and under his direction; and that said survey is been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor general for

For final affidavits see book "L" T.4 S.R.11 W., Chainman.

....., Chainman.

....., Moundman.

....., Moundman.

....., Axman.

....., Axman.

....., Flagman.

scribed and sworn to before me this

day of, 189 }

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FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyor, solemnly swear that, in pursuance of a contract received from _____, United States Surveyor General for _____, bearing date of _____ day of _____, 189_____, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for _____, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____.

For final affidavit see book "L" T.4 S.R.11 W.

of the _____ meridian, in the _____ of _____, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

United States Deputy Surveyor

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 189 }



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, December 20, 1903.

The foregoing field notes of the survey of the West and North Boundaries of Township No. 4 South, Range No. 10 West of the Uintah Special Base and Meridian, Utah.

executed by Hubert D. Page and Byron S. Kershaw
their under his contract No. 279, dated July 22, 1903, XXX, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward H. Anderson
United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

United States Surveyor General

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4-679.

FILED

SEP 30 1904

BOOK A-313

✓
H.

FIELD NOTES

OF THE SURVEY OF THE

Sect. 3 - 9

Subdivision

of

Township No. 3 South.

Range No. 9 West

of the Meridian Special Base and Meridian,
In the State of Utah.

AS SURVEYED BY

Hubert D. Page & Byron A. Kershaw, United States Deputy Surveyors
Under his Contract No. 219, dated July 22nd, 1893.

Survey commenced May 28th, 1894.

Survey completed June 5th, 1894.

✓
5/70 - 3 ✓

NAMES AND DUTIES OF ASSISTANTS.

Archie D. Ryan, Chairman

William C. Grinn " "

Harry C. Coggi Moundman

Harry C. Coggi Moundman

Herman Nagel Flagman

For preliminary affidavits see book "D". T. A. S. R. 9. W.

BOOK A-313

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30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

WE, _____ and _____

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of _____

_____, Chainman.

_____, Chainman.

Subscribed and sworn to before me this _____
day of _____, 189 }



WE, _____ and _____

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of _____

_____, Moundman.

_____, Moundman.

Subscribed and sworn to before me this _____
day of _____, 189 }



WE, _____ and _____

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of _____

_____, Axman.

_____, Axman.

Subscribed and sworn to before me this _____
day of _____, 189 }



I, _____, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of _____

_____, Flagman.

Subscribed and sworn to before me this _____
day of _____, 189 }



SUB-DIVISION OF T.7 S.R.2 T.U.S.B.A. N.

Survey commenced May 28, 1904, and executed with a W. & L. E. Gurley light mountain transit, No. ---, with solar attachment; the horizontal limb is provided with two double verniers placed opposite to each other reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

The instrument was examined, tested on the true meridian at Salt Lake City, found correct, and was approved by the surveyor general Sept. 19, 1903.

I examine the adjustments of the transit and find them correct; then, to test the solar apparatus by comparing its indications resulting from solar observations made during p.m. and a.m. hours with a meridian determined by Polaris observation, I proceed as follows:

At the cor. of secs. 1, 2, 35, and 36 on S. bdy. of Tp., herefore described; lat. $40^{\circ}10'N.$; long. $110^{\circ}55'32''W.$, at 4 h. p.m. l.m.t. I set off $40^{\circ}11'N.$ on lat. arc; $21^{\circ}32'N.$ on decl. arc; and determine a true meridian with the solar and mark a point thereof on a stone firmly set in the ground 5 chs. N. of my station.

At 8 h. 59 m.p.m.l.m.t. I observe Polaris at lower culmination in accordance with instructions in the Manual, the line thus determined falls on a pole set on the mark established by p.m. solar observation.

May 28, 1904.

May 29: At 7 h.a.m.l.m.t. I set off $40^{\circ}11'N.$ on lat. arc $21^{\circ}38'N.$ on decl. arc, and determine a true meridian with the solar; the line thus determined falls on a pole set on the mark established by p.m. solar observation, and checked by Polaris observation.

The solar apparatus by p.m. and a.m. observations defines position for meridian same as by Polaris observation;

SUBDIVISION OF T.3 S.R.9 W.U.S.B.& M.

Chains therefore I conclude that the adjustment of the instrument is correct.

The magnetic bearing of the true meridian st 7 h.15 m. a.m. is N. $17^{\circ}5'$ W.; the angle thus determined gives the magnetic decl. $17^{\circ}05'$ E.

From the corner of secs. 1, 2, 35, and 36, already described, I run

N. $0^{\circ}01'$ W. bet. secs. 35 and 36

Descending over mountainous land through dense sage, service berry and oak brush.

- 8.00 Hollow drains NE.
- 30.00 Spur projects NE.
- 40.00 Set a sandstone 18x10x4 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; from which
A cedar 15 ins. diam. bears S. $79^{\circ}E.$. 93 lks. dist.
marked $\frac{1}{4}$ S 36 B T
A pinon pine 10 ins. diam. bears S. $8^{\circ}W.$. 166 lks. dist.
marked $\frac{1}{4}$ S 35 B T
- 52.00 Ravine 100 ft. deep, course NE.
- 80.00 Set a sandstone 18x14x8 ins. 12 ins. in the ground for cor. of secs. 25, 26, 35, and 36, marked with 1 notch on S. and E. edge; from which
A cedar 12 ins. diam. bears N. $81^{\circ}E.$. 88 lks. dist.
marked T 3 S R 9 W S 25 B T
A cedar 8 ins. diam. bears S. $14^{\circ}E.$. 47 lks. dist.
marked T 3 S R 9 W S 36 B T
No other bearing trees within limits; raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
Land mountainous.
Soil stony; 3d rate.
No timber.
Mountainous land covered with dense undergrowth 80.00 chs.

SUBDIVISION OF T. 3 S. R. 9 W. U. S. B. & M.

CHAINS

- N. $89^{\circ}57'$ E. on random line between secs. 25 and 36
40.00 Set temp. $1/4$ sec. cor.
80.04 Intersect 2nd guide meridian W. at the corner of secs. 25, 30, 31, and 36 which is a sandstone 6x12x8 ins. above ground, firmly set and mkd. and witnessed as described under contract No. 278, George C. Swan and Frederick G. Ferron, U.S. Deputy Surveyors.
Thence I run S. $89^{\circ} 57'$ W. on true line
Between secs. 25 and 36 over mountainous land through heavy cedar and pinon timber
40.02 Set a limestone 14x10x8 ins. 9 ins. in the ground for $1/4$ sec. cor. mkd. $1/4$ on N. face from which
A pinon pine tree 30 ins. in diam.
bears N. 81° E. 29 lks. dist.
mkd. $1/4$ S 25 B T
A cedar 7 ins. in diam. bears S. 9° E. 9 lks. dist.
mkd. $1/4$ S. 36 B T
79.50 Leave cedar and pinon timber; bears N. and S.
80.04 The cor. secs. 25, 26, 35, and 36
Land mountainous
Soil stony; 3d rate
Timber heavy cedar and pinon.
Mountainous land and heavy timber, 80.04 chs.

N. $0^{\circ}01'$ W. bet. secs. 25 and 26
Descend
Over mountainous land through heavy cedar and pinon timber
22.00 Hollow; drains W.
Ascend over sandstone ledges; bear N.W. and S.E.
30.00 Ridge; bears E. and W. 300 ft. above sec. cor.
Descend
Through scattering cedar and pinon timber.
40.00 Set a sandstone 20x 10x 8 15 ins. in the ground for $\frac{1}{4}$ sec. cor.; mkd $\frac{1}{4}$ on W. face from which
A cedar tree 16 ins. diam. bears N. 82° E. 39 lks. dist.

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SUBDIVISION OF T. 3 S.R.9 W.U.S.B.& M.

CHAINS	marked 1/4 S.25 B T
	No other bearing trees within limit. Raise a mound of stone 2 ft. base 1 1/2 ft. high W. of cor.
45.50	Leave timber; enter dense artemesia, bears E. and W.
46.55	Foot of steep descent; bears E. and W. Descend gradually.
52.90	Road bears E. and W.
74.00	Currant Creek, 10 lks. wide, course E.
77.00	Leave bottom, begin steep ascent over broken land.
80.00	Set a sandstone 15x10x8 ins. 10 ins. in the ground for cor. of secs. 23, 24, 25, and 26 mkd. 1 notch on the E: and 2 notches on S. edges and raise a mound of stone 2 ft. base 1 1/2 ft. high W. of the cor. Land mountainous and nearly level. Soil stony; 2nd and 3d rate. Timber cedar and pinon. Mountainous land and dense undergrowth 80.00 chs.
	N. 89°57'E. on random line between secs. 24 and 25
40.00	Set temporary 1/4 sec. cor.
80.08	Intersect 2nd guide Mer. West 2 lks. N. of cor. of secs. 19, 24, 25, and 30 which is A sandstone 6x8x6 ins. above ground, firmly set, and marked and witnessed as described under contract No. 278, George C. Swan and Frederick C. Ferron, Dep. Surveyors. Thence I run S. 89°58'W. on true line between secs. 24 and 25, over broken mountainous land, through scattering cedar and pinon timber;
3.	Dry Run, course S.E.
16.00	Enter heavy cedar and pinon timber.
40.04	Set a sandstone 16x10x5 ins. 11 ins. in the ground for 1/4 sec. cor. mkd. 1/4 on N. Face, from which A cedar 15 ins. in diam. bears N.64°E.56 lks dist.

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SUBDIVISIONS OF T.3 S.R.9 W.U.S.B.& M.

CHAINS

mkd. 1/4 S 24 B T

A cedar 18 ins. in diam. bears S.63°W.47 lks. dist.

mkd. 1/4 S 25 B T

42.50 Spur ridge projects S.E.

Descend

46.70 Sandstone ledge bears N.80° W. and S.80° E.

75.00 Ravine 150 ft. deep, course S.E.

Ascend.

79.00 Spur, projects S.E.

Descend.

80.08 The corner of sec. 23, 24, 25, and 26.

May 29, 1904, at this corner I set off 21°39'N. on decl. arc, and 11 h.57 m. observe the sun on the meridian, the resulting lat. is 40°12'N.

Land mountainous.

Soil stony; 3d rate..

Timber cedar and pinon.

Mountainous land and heavy timber, 80.08.chs.

H.O.9CL Webet secs. 23 and 24

Ascend over broken land, through dense sage brush.

1.00 Spur, projects S.E. descend.

15.00 Ravine, 100 ft. deep; course S.E. ascend.

18.00 Ridge, bears S.80°E descend.

32.00 Ravine, 100 ft. deep course S.E. ascend.

40.00 Set a sand stone 16X12X6 ins. 11 ins. in the ground for $\frac{1}{4}$ sec.cor. marked $\frac{1}{4}$ on the W. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.

40.30 Dry run, 3X3 ft. course S.E.

47.00 Enter heavy cedar and pinon timber, bears E. and W.

72.00 Leave timber, bears E. and W.

80.00 Set a sand stone 15X10X7 ins. 10 ins. in the ground for cor. of secs. 13, 14, 23 and 24, mdk. with 1 notch on the E. and 3 notches on the S. edges. and raise a mound of stone 3ft.

SUBDIVISION OF T.3 S., R.9 W. U.S.B.& M.

chains	base, $1\frac{1}{2}$ ft. high, W. of cor. Land, mountainous. Soil, clay and loam, 2nd. & 3rd. rate. Timber, cedar and pinon. Mountainous land and dense undergrowth, 80.00 chs.
	N. $89^{\circ}58' E.$ on a random line bet. secs. 13 and 24.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.10	Intersect E. bdy. of Twp., 2nd. Guide Meridian West, 7 lks. N. of the cor. of secs. 13, 18, 19 and 24, which is a sand stone 15X10X5 ins. above ground firmly set and marked and witnessed as described under contract no. 278 George C. Swan and Frederick C. Ferron, U.S. Deputy Surveyors.
	Thence I run
	N. $89^{\circ}59' W.$ on true line bet. secs. 13 and 24, over rolling land, through dense sage.
40.05	Set a sand stone 18X10X7 ins. 12 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on the N. face, and dig pits 18X18X12 ins. E. and W. of stone. 3 ft. dist. and raised a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft high, N. of cor.
67.00	Enter scattering cedar timber.
76.00	Leave timber.
77.50	Low ridge bears N.W. and S.E.
80.10	The cor. of secs. 13, 14, 23 and 24. Land, rolling. Soil, clay and sandy, 3rd. rate. Timber cedar. Dense undergrowth, 80.10 chs.
	N. $0^{\circ}01' W.$ bet. secs. 13 and 14. Over rolling land, through dense artimesa
1.00	Ridge, bears N.W. and S.E. Descend.

SUBDIVISION OF T.3 S., R.9 W., U.S.B. & M.

Chains

- 40.00 Set a cedar post 3 ins. sq., with mkd. stone 24 ins. in the ground for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{4}$ S 14 on the W. 13 on the E. dig pits 18X18X12 ins. E. and W. of post 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 41.00 Ravine, 100 ft. deep, course S.E. asc.
- 46.75 Road, bears N.W. and S.E.
- Enter heavy cedar timber, bears N.W. and S.E.
- 80.00 Set a sand stone 18X12X6 ins. 12 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, mkd. with 1 notch on the E. and 4 notches on the S. edges, from which a cedar 6 ins. in dia. bears N. 88° E. 25 lks. dist. mkd.

T.3 S R 9 W S 12 B T

A cedar 6 ins. in diam. bears S. 34° E. 36 lks. dist. mkd.

T 3 S R 9 W S 13 B T

A cedar 4 ins. in diam. bears S. 60° W. 64 lks. dist. mkd.

T 3 S R 9 W S 14 B T

A cedar 4 ins. in dia. bears N. $66\frac{1}{2}^{\circ}$ W. 89 lks. dist. mkd.T 3 S R 9 W S 11 B T
On ridge, bears NW. and SE.
Land, rolling.

Soil, clay and sandy, 2 nd. and 3 rd. rate.

Timber cedar,

Dense under growth, 80.00 chs.

S. $89^{\circ}59' E.$

On a random line bet. secs. 12 and 13

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.15 Intercept 2 nd. Guide Meridian West, 7 lks. N. of the cor. of secs. 7, 12, 13 and 18, which is a cobble stone 6X6X6 ins. above ground, firmly set and marked as described under contract no. 278 George C. Swan and Frederick C Ferron. U.S. Deputy Surveyors.

Thence I run

N. $89^{\circ}56' W.$ on a true line bet. secs. 12 and 13

Over rolling land through dense sagebrush.

- 40.07 $\frac{1}{2}$ Deposit a marked stone 12 ins. in the ground, for $\frac{1}{2}$ sec.

SUBDIVISION OF T. 3 S.R.9W. U.S.B & M.

- chains cor.; dig pits 18x18x12 ins. E. and W., of cor. 4 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high over deposit. In E. pit drive a pine stake 2 ft. long 2 ins. sq.; 12 ins. in the ground, marked $\frac{1}{4}$. S. 12 on N., 13 on S. face.
- 44.00 Enter heavy cedar timber, bears E. and W.
- 80.15 The cor. of secs. 11, 12 13 and 14, on ridge.
Land, rolling.
Soil, stony, 3 rd. rate.
No timber.
Dense undergrowth, 80.15 chs.
-
- N. 0°01' W.
- bet. secs. 11 and 12
over rolling land through dense sage brush; descend from ridge, bears N.W. and S.E. down.
- 32.00 Road, bears E. and W.; Heber to Vernal.
- 40.00 Set a sand stone 15x12x8 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{4}$ on the W. face, and dig pits 18X18X12 ins. N. and S. of stone $\frac{3}{4}$ ft. dist. and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 45.00 Ravine, 100 ft. deep, course S.E. ascend.
- 60.00 Enter heavy cedar timber, bears E. and W.
- 70.75 Ridge, bears N.W. and S.E.
Leave cedar timber, descend.
- 80.00 In Hollow, drains S.E.
Set a sand stone 12X8X8 ins. 8ins. in the ground for cor. of secs. 1, 2, 11 and 12, mkd. with 1 notch on the E. and 5 notches on the S.edges, and dig pits 18X18X12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and raise a mound of earth 4ft. base, 2 ft. high, W. of cor.
Land, rolling.
Soil, clay and sandy, 3 rd. rate.
Timber, cedar.
Dense undergrowth, 80.00chs.

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SUBDIVISION OF T.3 S., R.9 W., U.S.B.& M.

chains.

S. 89°56'E. on random line bet. secs. 1 and 12

40.00 Set a temporary $\frac{1}{4}$ sec. cor.

80.06 Intersect 2nd: G.M. W: 9 lks. N. of the cor. of secs. 1-6-7 and 12, which is a sandstone 14x7x3 ins. above ground firmly set, and mkd. and witnessed as described under contract No 278, George C. Swan and Frederick C. Ferron, U.S. Deputy Surveyors.

thence I run,

N. 89°52'W. on a true line

bet. secs. 1 and 12, over broken mountainous land, through scattering cedar and pinon timber, and dense sage brush.

22.00 Leave timber.

57.00 Old road bears NW. and SE..

40.03 Set a sandstone 18x8x6 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face, dig pits 18x18x12 ins. E. and W. of stone 3 ft. dist., and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.

63.00 Enter heavy cedar and pinon timber, bear N. and S.

71.00 Leave timber, bear N. and S.

80.06 The cor. of secs. 1-2-11 and 12.

Land rolling.

Soil clay and sandy; 3rd. rate

Timber cedar and pinon.

Dense undergrowth. 80.06 chs.

N. 01'W on random line bet. secs. 1 and 2

40.00 Set a temp. $\frac{1}{4}$ sec. cor.

79.92 Intersect N. bdy. of Tp. 5 lks. E. of the cor. of secs. 1-2-35 and 36, heretofore described.

Thence I run,

S. 05' E. on a true line bet. secs. 1 and 2

Desc. over broken land, through sage brush.

2.00 Grass Hollow. 75 ft. deep, course N.

Asc.

SUBDIVISION T.3 S.R.9 W.U.S.B.& M.

CHAINS

- 9.00 Ridge bears E. and W.
Desc. through heavy cedar and pinon timber.
39.92 Set a sandstone 20x10x8 ins. 15 ins. in the ground for
 $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; from which
A cedar 6 ins. in diam. bears S. 6° E. 24 lks. dist.
mkd. $\frac{1}{4}$ S 1 B T.
A cedar 6 ins. in diam. bears S. 73° W. 22 lks. dist.
mkd. $\frac{1}{4}$ S 2 B T.
60.00 Leave timber bears E. and W.
79.92 The cor. secs. 1-2-11 and 12
Land rolling and broken.
Soil clay and stony; 3rd. rate.
Timber cedar and pinon.
Dense undergrowth. 79.92 chs.

May 29, 1904.

May 30, 1904, at 7h. a.m. l.m.t. I set off $21^{\circ}47'N.$ on
decl. arc; $40^{\circ}11'N.$ on lat. arc, and determine a true me-
dian with the solar, at the cor. of secs. 2-3-34 and 35
on the S. bdy. of Tp., heretofore described.

Thence I run,

N. $02^{\circ}W.$ bet. secs. 34 and 35

Desc. N. slope of mountain, through dense oak, service
berry and sage brush, scattering cedar and pinon timber.

- 40.00 400 ft. below sec. cor. set a sandstone 12x8x6 ins.
8 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face,
and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of
cor.
40.60 Ravine 600 ft. below Tp cor., course NE.
80.00 Set a quartzite ^{stone} 16x13x6 ins. 11 ins. in the ground for
cor. of secs. 26-27-34 and 35, mkd. 1 notch on S. and
2 notches on E. edges, from which
A cedar 14 ins. in diam. bears N. $24^{\circ}W.$ 56 lks. dist.
mkd. T 3 S R 9 W S 27 B T.
A cedar 10 ins. in diam. bears S. $14^{\circ}W.$ 84 lks. dist.

SUBDIVISION OF T.3 S., R.9 W., U.S.B.& M.

chains.

mkd. T 3 S R 9 W S 34 B T.

No other bearing trees within limit.

Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.

Land mountainous.

Soil stony; 4th. rate.

Timber cedar and pinon.

Mountainous land covered with dense undergrowth. 80.00 chs.

N. $89^{\circ}57' E$. on a random line, bet. secs. 26 and 3540.00 Set a temp. $\frac{1}{4}$ sec. cor.

80.12 Intersect N. and S. line 2 lks. S. of the cor. of secs. 25, 26, 35 and 36.

Thence I run

S. $89^{\circ}56' W$. on true line, bet. secs. 26 and 35.

Over mountainous land, through dense artimesa and scattering cedar and pinon timber.

9.50 Enter heavy cedar timber, bears N. and S.

29.00 Ravine, 300 ft. deep, course N. asc.

36.40 Spur, projects N. desc.

40.06 Set a sandstone 16X11X10 ins. 11 ins. in the ground for $\frac{1}{4}$ sec. cor mkd. $\frac{1}{4}$ on the N. face, from whichA cedar 5 ins. in dia. bears N. $69^{\circ} E$. 63 lks. dist. mkd. $\frac{1}{4}$ S 26 B T

A cedar 15 ins. in dia. bears S.E. 70 lks. dist. mkd.

 $\frac{1}{4}$ S 35 B T

68.00 Ravine, 300 ft. deep, course N. asc.

80.12 The cor. of secs. 26, 27, 34 and 35.

Land, mountainous.

Soil, stony, 3 rd. rate.

Timber, cedar.

Mountainous land, covered with dense undergrowth, 80.12 chs.

N. $0^{\circ}02' W$. bet. secs. 26 and 27.

Over mountainous land, through dense oak and sage brush,

SUBDIVISION OF T.3 S., R.9 W., OF U.S.B.& M.

chains

scattering cedar and pinon timber.

38.60 Road, bears E. and W.

39.00 Gradual descent.

40.00 Set a sandstone 12X12X4 ins. 8 ins. in the ground for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{4}$ on the W. face, dig pits 18X18X12 ins. N. and S. of stone ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. W. of cor.

52.50 Currant Creek, 15 lks. wide, course E. ascend abruptly.

61.00 Gradual ascent, through heavy cedar timber, bears E. and W.

80.00 Set a sandstone 14X10X5 ins. 10 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, mkd. with 2 notches on the S. and E. edges, from which

A cedar 12 ins. in dia. bears N. 74° E. 103 lks. dist.

mkd. T 3 S R 9 W S 23 B T

A cedar 12 ins. in diam. bears S. 11° E. 103 lks. dist.

mkd. T 3 S R 9 W S 26 B T

A cedar 8 ins. diam bears S. 62° W. 23 lks. dist.

mkd. T 3 S R 9 W S 27 B T

A cedar 8 ins. dia. bears N. 77° W. 21 lks. dist.

mkd. T 3 S R 9 W S 22 B T

Land, mountainous.

Soil, stony 3 rd. rate.

Timber, cedar and pinon.

mountainous land, covered with dense undergrowth, 80.00chs.

N. $89^{\circ}56'$ E. on a random line, bet. secs. 23 and 2640.00 Set a temp. $\frac{1}{4}$ sec. cor.

80.16 Intersect N. and S. line 1 lk. S. of cor. of secs. 23, 24, 25, and 26; thence I run

S. $89^{\circ}56'$ W. on a true line, bet. secs. 23 and 26.

Asc. over broken mountainous land, through scattering cedar and pinon.

40.08 Set a sandstone 16X10X8 ins. 11 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; from which

SUBDIVISION OF T.3 S.R.9 W.U.S.B.& H.

CHAINS

A cedar 20 ins. diam. bears N. 81° E. 54 lks. dist.
mkd. $\frac{1}{4}$ S 23 B T.

A cedar 5 ins. diam. bears S. 89° E. 48 lks. dist.
mkd. $\frac{1}{4}$ S 26 B T.

80.16 The cor. of secs. 22-23-26 and 27.

Land mountainous.

Soil stony; 3rd. rate.

Timber scattering cedar, and pinon.

Mountainous land covered with scattering timber. 80.16 chs.

N. 02' W. bet. secs. 22 and 23.

Asc. over mountainous land, through heavy cedar and pinon,
and dense sage and squaw brush.

30.00 Ridge bears E. and W.

Leave timber, bears E. and W.

Desc.

40.00 Set a sandstone 16x14x6 ins. 11 ins. in the ground for
 $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W face, dig pits 18x18x12 ins.
on line N. and S. of stone, 3 ft. dist. raise a mound of
earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor..

67.00 Enter heavy cedar and pinon timber, bears E. and W.

80.00 Set a sandstone 18x12x6 ins. 12 ins. in the ground for
cor. of secs. 14-15-22 and 23, mkd. 2 notches on E. and
3 notches on S. edges, from which

A cedar 10.ins. diam. bears N. 58° E. 5 lks. dist.
mkd. T 3 S R 9 W S 14 B T.

A cedar 24 ins. diam. bears S. 28° E. 58 lks. dist.
mkd. T 3 S R 9 W S 23 B T.

A cedar 18 ins. in diam. bears S. 47° W. 25 lks. dist.
mkd. T 3 S R 9 W S 22 B T.

A cedar 10 ins. diam. bears N. 19° W. 48 lks. dist.
mkd. T 3 S R 9 W S 15 B T.

Land mountainous.

Soil loam and stony; 2nd. and 3rd. rate.

SUBDIVISION OF T. 3 S.R. 9 W.U.S.B.& M.

CHAINS

Timber heavy cedar and pinon.

Mountainous land covered with dense undergrowth; heavy timber. 80.00 chs.

May 30, 1904, at this corner I set off $21^{\circ}48'W.$ on decl. arc; 11h. 57m. a.m. l.m.t. observe the sun on the meridian the resulting lat. is $40^{\circ}13'N.$

W. $89^{\circ}56'E.$ on a random line, bet. secs 14 and 23

40.00 Set a temp. $\frac{1}{4}$ sec. cor.

80.08 Intersect N. and S. line 9 lks. N. of the cor. of secs. 13-14-23 and 24; Thence I run

W. on a true line, bet. secs. 14 and 23.

Desc. over rolling land and dense sage brush.

40.04 Set a sandstone $15 \times 10 \times 4$ ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face, dig pits $18 \times 18 \times 12$ ins. on line E. and W. of stone 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.

48.00 Enter heavy cedar and pinon, bear N. and S.

80.08 The cor. of secs. 14-15-23 and 23. Land rolling.

Soil loam and stony; 2nd. and 3rd. rate.

Timber heavy cedar and pinon.

Rolling land covered with dense undergrowth; heavy timber. 80.08 chs.

N. $0^{\circ}02'W.$ bet. secs. 14 and 15

Desc. over rolling land, through dense sage and squaw brush, and heavy cedars.

26.00 Leave cedar, bear E. and W.

34.00 Ravine 100 ft. deep, course NE.

Asc.

40.00 Set a sandstone $18 \times 12 \times 5$ ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face, dig pits $18 \times 18 \times 12$ ins. 3 ft. dist. on line N. and S. of stone, and raise a moun

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SUBDIVISION OF T.3 S.R.9 W.U.S.B.& M.

CHAINS	of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high W. of cor.
50.00	Enter heavy cedar and pinon timber, bears E. and W.
54.00	Spur projects E.
	Leave timber, bear E. and W.
	Desc.
69.00	Ravine 150 ft. deep, course SE.
	Asc.
71.50	Old road bears NE. and SW.
80.00	Set a sandstone $12 \times 8 \times 7$ ins. 8 ins. in the ground for cor. of secs. 10-11-14 and 15, mkd. 2 notches on E. and 4 notches on S. edges, dig pits $18 \times 18 \times 12$ ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high W. of cor.
	Land mountainous.
	Soil loam and stony; 2nd. and 3rd. rate.
	Timber heavy cedar and pinon.
	Mountainous land covered with dense undergrowth; heavy timber. 80.00 chs.

E. on a random line bet. secs. 11 and 14

40.00	Set a temp. $\frac{1}{3}$ sec. cor.
79.92	Intersect N. and S. line, 5 lks. S. of the cor. of secs. 11-12-13 and 14.

Thence I run,

S. $89^{\circ}58'W.$ on a true line bet. secs. 11 and 14

Desc. over mountainous land, through dense sage and scattering cedar and pinon.

39.96	Set a sandstone $20 \times 12 \times 10$ ins. 15 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; dig pits $18 \times 18 \times 12$ ins. on line E. and W. of stone, 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high N. of cor.
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79.92 The cor. of secs. 10-11-14 and 15.

Land mountainous.

Soil loam and stony; 2nd. and 3rd. rate.

Timber scattering cedar and pinon.

SUBDIVISION OF T.3 S.R.9 W.U.S.B.& M.

CHAINS	Mountainous land covered with dense undergrowth; and scattering timber. 79.92 chs.
	N. 0°02'W. bet. secs. 10 and 11
	Asc. over rolling land, through dense sage.
21.00	Upper road, Heber to Vernal, bears E, and W.
28.00	Ridge bears N. 70°W. and S. 70°E.
	Desc.
40.00	Set a sandstone 18x10x5 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face, dig pits 18x18x12 ins. on line N. and S. of stone, 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
66.00	Dry wash 15 ft. deep, 1 ch. wide, course E.
	Asc.
80.00	Set a sandstone 20x12x6 ins. 15 ins. in the ground for cor. of secs. 2-3-10 and 11, mkd. 2 notches on E. and 5 notches on S. edge, dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high W. of cor.
	Rolling land.
	Soil loam and stony; 2nd. and 3rd. rate.
	No timber.
	Rolling land covered with dense undergrowth. 80.00 chs.
	N. 89°58'W. bet. secs. 2 and 11, on random line.
40.00	Set a temp. $\frac{1}{2}$ sec. cor.
80.08	Intersect N. and S. line 14 lks. S. of cor. of secs. 1-2-11 and 12.
	Thence I run,
	S. 89°52'W. on a true line bet. secs. 2. and 11
	Asc. over mountainous land, through dense sage brush.
8.00	Ridge bears NW. and SE.
	Desc.
10.00	Enter heavy cedar and pinon, bear NW. and SE.

SUBDIVISION OF T.3 S.R.9 W.U.S.B.&M.

CHAINS	
35.00	Leave timber, bears NW. and SE.
40.00	Set a sandstone 16x12x8 ins. 11 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.
53.00	Dry wash 15 ft. deep, course SW.
63.00	Dry wash, course S. 30° E. 10 ft. deep.
77.75	Dry wash course SE., 20 ft. deep, 1 ch. wide.
79.50	Dry wash 25 ft. deep, 75 lks. wide, course SE.
80.08	The cor. of secs. 2-3-10 and 11. Land mountainous. Soil stony and clay; 2nd. and 3rd. rate. Timber heavy cedar and pinon. Mountainous land covered with dense undergrowth; heavy timber. 80.08 chs.

	N. $0^{\circ}02'$ W. on a random line bet. secs. 2 and 3
40.00	Set a temp. $\frac{1}{2}$ sec. cor.
79.96	Intersect N. bdy. of Tp. 9 lks. E. of the cor. of secs. 2-3-34 and 35, heretofore described. Thence I run, S. $0^{\circ}06'$ E. bet. secs. 2 and 3 on a true line. Asc. over broken land, through sage brush.
39.96	Set a sandstone 15x10x4 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
45.50	Spur projects W. Desc.
60.00	Enter scattering cedar, bear E. and W.
73.00	Dry wash 7 ft. deep, 1 ch. wide. Leave timber, course W.
79.00	Dry wash 6 ft. deep, 25 lks. wide, course SE.
79.96	The cor. of secs. 2-3-10 and 11. Land mountainous. Soil clay and stony; 2nd. and 3rd. rate. Timber scattering cedar.

SUBDIVISION OF T.3 S.R.9 W.U.S.B.& M.

CHAINS

Mountainous and broken land covered with dense undergrowth; scattering timber. 79.96 chs.

May 30, 1904.

May 31, 1904, I set off 40°05'N. on lat. arc; 21°56'N. on decl. arc, and determine a true meridian with the solar; at the corner of secs. 3, 4, 33 and 34 on S.bdy. of Tp., here-to-fore described. Thence I run N. 0°02'W. bet. secs. 33 and 34

Desc. over mountainous land through dense oak and squaw brush.

- 6.00 Enter heavy aspen, bear NW. and SE.
13.00 Hollow, course NW.
Asc.
30.00 Spur projects NW.
Desc..
39.00 Hollow, course NW.
Leave aspen, bear NW. and SE.
40.00 Set a sandstone 14x10x8 ins. 10 ins. in the ground for $\frac{1}{2}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; from which
An aspen 4 ins. diam. bears S. 21°E. 55 lks. dist.
mkd. $\frac{1}{4}$ S 34 B T.
An aspen 4 ins. diam bears S. 37°W. 43 lks. dist.
mkd. $\frac{1}{4}$ S 33 B T.
52.00 Sandstone ledge bears E. and W.
80.00 Set a sandstone 15x9x6 ins. 10 ins. in the ground for cor. of secs. 27-28-33 and 34, mkd. 3 notches on E. and 1 notch on S edge, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
Land mountainous.
Soil stony; 3rd. rate.
Timber heavy aspen.
Mountainous land covered with dense undergrowth; heavy timber. 80.00 chs.

SUBDIVISION OF T.3 S.R.9 W.U.S.B.& M.

CHAINS	N. 89°57'E. on random line, bet. secs. 27 and 34
40.00	Set a temp. $\frac{1}{4}$ sec. cor.
80.18	Intersect N. and S. line .4 lks. S. of the cor. of secs. 26-27-34 and 35, Thence I run,
	S. 89°55'W. on a true line bet. secs. 27 and 34 Asc. over mountainous land, through dense oak, sage and squaw brush, and scattering cedar.
20.00	Spur projects N. Desc.
40.09	Set a sandstone 15x12x8 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
51.00	Ravine 400 ft. deep, course N.; asc.
74.00	Spur projects N. Desc.
80.18	The cor. of secs. 27-28-33 and 34. Land mountainous. Soil stony; 3rd. and 4th. rate. Mountainous land covered with dense undergrowth; scattering timber. 80.18 chs.
	N. 0°02'W. Bet. secs. 27 and 28 Desc. over mountainous land, th rough dense oak, sage and squaw brush
28.00	Ravine 700 ft. below sec. cor., course NE. Enter heavy cedar and pinons, bear NW. and SE.
34.40	Spur projects NE. Leave timber, bears NE. and SW! Desc.
40.00	Set a sandstone 14x10x8 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.

SUBDIVISION OF T.3 S.R.9 W.U.S.B.& M.

CHAINS

- 60.00 Sheep and shearing corral about 20 chs. E. of line.
- 67.72 Road bears S. 70° E.
Enter dense willows and scattering cottonwood timber, bears N. 70° W. and S. 70° E.
- 75.40 Currant Creek 50 lks. wide, course E.
- 80.00 Set a sandstone 16x9x6 ins. 9 ins. in the ground for cor. of secs. 21-22-27 and 28, mkd. 3 notches on E. and 2 notches on S. edges, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
Land mountainous.
Soil loam and stony; 1st. and 3rd. rate.
Timber heavy cedar and pinon, and scattering cottonwood.
Mountainous land covered with dense undergrowth; heavy and scattering timber. 80.00 chs,
-

N. $89^{\circ}55'$ east on a random line bet. secs. 22 and 27

- 40.00 Set temp. quarter sec. cor.
80.18 Intersect N. and S. line 2 lks S. of the cor. of sec. 22
23. 26 and 27.
hence I run

S. $89^{\circ}54'$ W. on true line bet. secs. 22 and 27
over broken line through heavy cedar timber.

- 40.09 Set a sandstone 16x10x6 ins. 11 ins. in the ground for $\frac{1}{4}$
sec' cor. mkd $\frac{1}{4}$ on N. face from which
A cedar tree 5 ins. in diam., bears N. 42° W.
58 lks dist.

mkd $\frac{1}{4}$ S. 22 B. T.

A cedar 10 ins. in diam., bears S. 75° W. 97 lks
dist.

mkd $\frac{1}{4}$ S. 27 B. T.

- 75.00 Leave cedar, bears NW and SE.
80.18 The cor. of secs. 21, 22, 27 and 28.
Land broken.
Soil stony, 4th rate.

SUBDIVISION OF T 3 S R 9 T U S R A M

Chains

Timber, cedar.

Mountianous land, 80.18 chs.

May 31, 1904 at this cor. I set off $21^{\circ}57'$ N. on decl arc and at 0 h. 2m. p. m. l.m.t. observe the sun on the meridian the resulting is $40^{\circ}12'$ N.

N. $0^{\circ}02'$ W. bet. secs. 21 and 22.

Leave willows, bears N.W. and SE. Ascend over broken mountianous land.

12.00 Over broken sandstone ledges, bears E. and W.

37.40 Top of ledges extend NW. and NE.; 800 ft. above creek.

40.00 Set a sandstone 14x10x6 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. mkd $\frac{1}{4}$ on W. face from which

A cedar 5 ins. in diam., bears S. 34° E. 113 lks dist.

mkd. $\frac{1}{4}$ S. 22 B. T.

A cedar 10 ins in diam., bears S. 74° W. 50 lks dist.

mkd $\frac{1}{4}$ S. 21 B. T.

49.00 Leave timber, bears NE. and SW.

64.00 Ridge, bears NW. and SE. Descend through oak, sage and Service berry brush.

80.00 Set a sandstone 18x12 $\frac{1}{2}$ ins. 12 ins. in the ground for cor. of secs. 15, 16, 21 and 22. mkd 3' S on NE.; 9' W on SE., with with 3 notches on S. and E. edges; dig pits 18x1812 ins. in each sec. $5\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high W. of cor.

Land mountianous.

Soil, stony, 4th rate.

Timber, cedar.

Mountianous land. 80.00 chs.

CHAINS N. $89^{\circ}54'$ E. on random line bet. secs. 15 and 22.

0.00 Set temp. $\frac{1}{4}$ sec.

80.12 Intersect N. and S. line 12 lks. N. of the cor of secs.

4, 15, 22 and 23.

hence I run

S. $89^{\circ}59'$ W. on true line bet. secs. 15 and 22 over rolling land through dense sage and oak brush and heavy cedar timber.

11.00 eave cedar timber, bears NE. and SW.

40.06 Set a sandstone 16x12x6 ins. 11 ins. in the ground for $\frac{1}{4}$ sec. cor mkd $\frac{1}{4}$ on N. face. Dig pits 18x18x12 ins. E. and W. of stone 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ high N. of cor.

80.12 The cor of secs. 15, 16. 21 and 22.

Land mountainous

Soil stony, 3rd rate.

Timber, cedar.

Mountainous land covered with dense undergrowth. 80.12 chs

N. $90^{\circ}02'$ W. bet. secs. 15 and 16. Descend over broken land through dense sage, oak and service berry brush.

9.00 Hollow, 100 ft. deep; drains E. Ascend.

2.60 Top of sandstone ledge 200 ft. above hollow, bears E. and W. Enter scattering timber.

1.50 Chs. Leave Timber, bears E. and W.

0.00 Set a sandstone 15x8x4 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{4}$ on W face. and raise a mound of stone 2 ft base, $1\frac{1}{2}$ ft. high W. of cor.

0.00 Set a sandstone 15x10x4 ins. 10 ins. in the ground for cor. of secs. 9, 10, 15 and 16. mkd. with 3 notches on E. & on S. edges. Dig pits. 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high W. of cor.

Land rugged, broken.

Soil stony, 3rd rate.

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SUBDIVISION S. S. R. 9 W. U. S. R. & C.

CHAINS.

Timber, cedar.

Land covered with dense undergrowth. 80.00 chs.

N. 89°59' E. on random line bet. secs. 10 and 15.

40.00 Set temp. $\frac{1}{4}$ sec. cor.80.04 Intersect N. and S. line. 2 lks S. of the cor. of sec. 10
11, 14 and 15.

Thence I run

S. 89°58' W. on true line bet. secs. 10 and 15 over
rolling land through dense sagebrush.

25.85 Road in hollow bears NW. and SE.; hollow drain SE..

40.02 Set a sandstone 14x7x6 ins. 10 ins. in the ground for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ on N. face. Dig pits 18x18x12 ins.
E. and W. of stone 3 ft. dist. and raise a mound of earth
3 $\frac{1}{2}$ ft. base. 1 $\frac{1}{2}$ ft. high N. of cor.

45.00 Ridge, bears NW. and SE.; Desend.

58.00 Ravine 100 ft. deep, course SE.; asc.

80.04 The cor. of secs. 9, 10, 15 and 16.

Land rolling.

Soil clay and sandy. 3rd rate.

No timber.

Dense undergrowth, 80.04.

N. 89°2' W. bet. secs. 9 and 10. Descend over rolling land
through dense artimesa.

12.80 Upper road, Heber to Vernal

28.85 Old road in ravine, bears. NW. and SE. Ravine 100 ft. deep
drains E.; ascend.40.00 Set a sandstone 18x10x5 ins. 12 ins. in the ground for $\frac{1}{4}$
sec cor. mkd, $\frac{1}{4}$ on the W. face and raise a mound of stone,
2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.

70.00 Ridge, bears E. and W. desc.

80.00 Set a sand stone 20x14x6 ins. 15 ins. in the ground for cor.
of secs. 3, 4, 9 and 10, mkd with 3 notches on the E. and 5

SUBDIVISION OF T.3 S. R.9W. U.S.B.& M

chains

notches on the S. edges, from which

A cedar 8 ins. in diam. bears N. $15\frac{1}{2}$ °W. 291 lks. dist.

mkd. T 3 S R 9 W S 4 B T

No other bearing trees within limits.

Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.

Land, rolling.

Soil, stony, 3 rd. rate.

No timber.

Dense undergrowth, 80.00 chs.

May 31, 1904.

June, 1st. 1904, At 7 a.m. I set off $22^{\circ}04'N.$ on decl. arc. $40^{\circ}15'N$ on the lat. arc. and determine a true meridian with the solar, at the cor. of secs. 3, 4, 9 and 10.

Thence I run

N. $89^{\circ}58'E.$ on a random line bet. secs. 3 and 1040.00 set temp. $\frac{1}{4}$ sec. cor.

80.10 Intersect N. and S. line 12 lks. N of the cor. of secs. 2, 5, 10 and 11.

Thence I run

N. $89^{\circ}57'W.$ on a true line

bet. secs. 3 and 10, over rolling land, through dense sage brush.

31.50 Wash 6 ft. deep, 20 ft. wide drains S.E.

37.00 Wash 3 x 3 ft. drains S.E. enter scattering cedar timber.

40.05 Set a sandstone 15x10x7 ins. 10 ins. in the ground, for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{4}$ on the N. face, dig pits 18x18x12 ins. E. and W. of stone 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.

71.60 Spur, projects N. desc.

80.10 The cor. of secs. 3, 4, 9 and 10.

Land, rolling.

Soil, stony 3rd. rate.

Timber, cedar..

SUBDIVISION OF T.3 S..R.9 W. U.S.B.& M.

- chains Dense undergrowth, 80.10 chs.
-
- N. $0^{\circ}02'$ W.on a random line bet, secs.3 and 4.
- 40.00 Set temp. $\frac{1}{4}$ sec.cor.
- 79.94 Intersect N.bdy.of Tp.9 lks.E.of the cor.of secs.3,4,33 and 34, heretofore described.
- Thence I run
- S. $0^{\circ}06'$ E.on a true line bet secs.3 and 4.
- Descend over broken land, through dense sage brush.
- 30.00 Ravine, 100 ft.deep, course S.E.asc.
- 39.94 Set a sand stone 15x12x4 ins.10 ins.in the ground for $\frac{1}{4}$ sec.cor mkd. $\frac{1}{4}$ on the W. face, and raise a mound of stone 2 ft.base, $1\frac{1}{2}$ ft.highW.of cor.
- 43.50 Enter heavy cedar, bears E.and W.
- 53.00 Top of ledges and ridge, bears N.W.and S.E.desc.
- 61.00 Leave cedar timber, bears E.and W.
- 75.00 Ravine, 100 ft.deep, course E.asc.
- 79.94 The cor. of secs.3,4,9 and 10.
- Land ,broken.
- Soil, stony, 3 rd.rate.
- Timber, cedar.
- Dense undergrowth, 79.94 chs.
-
- June, 1 st. 1904.
- I set off $22^{\circ}05'$ N.on the decl.arc.and at 12h 2 m.p.m.l.m.t. observe the sun on the meridian, the resulting lat.is $40^{\circ}11'$ N.at the cor.of secs.4,5,32 and 33 on the S.bdy.of the Tp.previously described,
- Thence I run
- N. $0^{\circ}03'$ W.betsecs.32 and 33
- Ascend overmountainous land, through dense sage, service berry and oak brush.
- 14.00 Top of mountain, ridge bears W.and S.E. desc.N.side of

SUBDIVISION OF T.3.S.R 9W.U S,B & M

chains	mountain.
40.00	Set a sand stone 18x18x8 ins.12 ins.in the ground for $\frac{1}{4}$ sec.cor. marked $\frac{1}{4}$ on the W.face,raise a mound of stone 2 ft.base, $1\frac{1}{2}$ ft.high,W.of cor.
80.00	600 ft.below ridge, set a sand stonel4x10x8 ins.10 ins.in the ground for cor.of secs.28,29,32 and 33,mkd.with 1 not h on the S.and 4 notches on the E.edges, and raise a mound of stone 2 ft.base, $1\frac{1}{2}$ ft.high,W.of cor.
	Land, mountainous.
	Soil, stony, 3 rd rate.
	no timber.
	mountainous land, covered with dense undergrowth, 80.00chs.
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	N. $89^{\circ}57'$ E.on a random line bet.secs.28 nnd 33.
40.00	set temp. $\frac{1}{4}$ sec.cor.
80.14	Intersect N.and S.line2 lks.N.of the cor.of secs.27,28, 33 and 34.
	Thence I run
	S. $89^{\circ}58'$ W.on a true line bet,secs.28 and 33
	Descend over mountainous land, through dense sage, service berry and oak brush.
11.00	Ravine, 600 ft.deep, course N.E.asc.
40.07	Set a sand stone 18x10x6 ins.12 ins.in the ground for $\frac{1}{4}$ sec.cor.mkd. $\frac{1}{4}$ on the N.face,raise a mound of stone,2 ft. base, $1\frac{1}{2}$ ft.high N.of cor.
41.00	Ridge,bears N.E.and S.W. desc.over broken land.
80.14	The cor.of secs.28,29,32 and 33.
	Land, mountainous.
	Soil, stony 3 rd.rate.
	No timber.
	Mountainous land, covered with dense undergrowth, 80.14 chs
	<hr/>
	N. $0^{\circ}03'$ W. bet..secs.28 and 29

SUBDIVISION OF T.3 S.R.9 W.U.S.B.& M.

chains	Descend over mountainous land, through dense sage and oak brush.
1.50	Ravine, 300 ft. deep, course N.E. asc.
19.10	Ridge, bears N.E. and S.W. desc.
40.00	Set a sand stone 24x10x8 ins. 18 ins. in the ground, for $\frac{1}{4}$ sec.cor. mkd. $\frac{1}{4}$ on the W. face, raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
50.00	Enter heavy aspen timber, bears E. and W.
80.00	Set a sand stone 16x12x8 ins. 11 ins. in the ground for cor of secs. 20, 21, 28 and 29, mkd. with 2 notches on the S. and 4 notches on the E. edges, from which An aspen 3 ins. in dia. bears N. $40\frac{1}{2}^{\circ}$ E. 15 lks. dist mkd. T 3 S R 9 W S 21 B T
	An aspen 5 ins. in diam. bears S. 20° E. 9 lks. dist. mkd. T 3 S R 9 W S 28 B T
	An aspen 4 ins. in diam. bears S. 33° W. 28 lks. dist. mkd. T 3 S R 9 W S 29 B T
	An aspen 5 ins. in diam. bears N. 68° W. 24 lks. dist. mkd. T 3 S R 9 W S 20 B T
	Land, mountainous.
	Soil, stony 3 rd. rate.
	Timber, Aspen.
	Mountainous land, covered with dense undergrowth, 80.00 chs.
	June 1, 1904.
	June 2, 1904. at 7 am l.m.t. I set off $40^{\circ}12'N.$ on the lat. arc. and $22^{\circ}12'N.$ on decl. arc. and determine a true meridian with the solar, at the cor. of secs. 20, 21, 28 and 29.
	Thence I run
	$N.89^{\circ}58'E.$ on a random line bet secs. 21 & 28
40.00	Set temp. $\frac{1}{4}$ sec.cor.
80.18	Intersect N. and S. line 5 lks. N. of the cor. of secs. 21, 22, 27 and 28.

SUBDIVISION OF T. 3 S. R. 9 W. U. S. B. & M.

chains

- Thence I run
W. on true line bet. 21 and 28.
Over bottom land, through dense willows.
2.15 Currant creek, 20 lks. wide, flows S.E. in canon 800 ft. deep.
10.00 Currant Creek, 15 lks wide, course NE.
15.00 Currant creek, S. E. and road bears N. and S.
18.00 Leave bottom and willows, bears NW. and SW.: ascend
abruptly along S. side of canon through dense oak and
sagebrush.
52.50 Spur projects N.: descends through young aspen timber.
80.18 The cor. of secs. 20, 21, 28 and 29
Land broken.
Soil stony, 3rd and 4th rate. Timber, aspen.
Dense undergrowth, 80.18 qhs.
-

- N. 0°03' W. bet. secs. 20 and 21, descending over broken
land through young aspen timber.
4.50 Deep Creek, 15 lks. wide, flows E. in canon 800 ft.
deep: ascend, leave aspen, enter dense oak and sagebrush
5.25 Lower road, Heber to Vernal, bears N. 80° E. and S. 80° W.
24.00 Spur projects E.
 $\frac{1}{4}$ sec. cor. will fall on land subject to slide therefore
on boulder 5x4x2 ft. above ground I cut a cross (X)
for witness $\frac{1}{4}$ section corner L. and mark W. C. $\frac{1}{4}$ W. of
cross and raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ high W.
of cor.
Descend
49.00 Falls on land subject to slide and $\frac{1}{4}$ cor. is not set.
49.00 Currant Creek 15 lks. wide, flows SE. in canon 600 ft.
deep: ascend over broken slope.
71.00 Spur projects E.: desc.
76.00 Ravine 300 ft. deep, course SW. ascend over broken sand-
stone ledges.
80.00 Top of sandstone ledges, bears E. and W. Set a sandstone

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SUBDIVISION OF T. 3 S. R. 9 W. U. S. B. & M.

CHAINS

15x10x6 ins. 10 ins. in the ground for cor. secs. 16, 17, 20 and 21. mkd with 3 notches on S. and 4 on E. edges. from which

A cedar 26 ins. in diam., bears N. 1° W. 88 lks dist. mkd. T. 3 S. R 9 W S 17 B T .

A cedar 10 ins. in diam., bears N. 80° E. 28 lks dist mkd. T 3 S R 9 W S 16 B T .

No other bearing trees within limit, raise mound of stone 2 ft. base, $1\frac{1}{2}$ high W. of cor.

Land, mountianous.

Soil stony, 4th rate.

No timber.

Mountianous land covered with dense undergrowth. 80.00 chs.

E. on a random line bet. secs. 16 and 21.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.16 Intersect cor. of secs. 15, 16, 21 and 22.

Thence I run

W. on a true line bet. secs. 16 and 21: asc. over mountianous land through dense sage, oakd and service berry brush.

5.25 Ridge, bears NW. and SE. : desc.

22.40 Sandstone ledge 35 ft. high: bears N. and S.

40.08 Set a sandstone 18x12x5 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ high N. of cor.

42.00 Hollow, drains NW.: ascends.

48.00 Sandstone ledge on spur, projects NW.: desc.

69.50 Ravine 200 ft. deep, course SW. Ascend through scatterin g timber.

80.16 Top of sandstone ledges, the cor. of secs. 16, 17, 20 and 21.

Land, mountianous.

Soil, stony, 3rd rate.

SUBDIVISION OF T 3 S R 9 J

CHAINS

- Timber, cedar.
Mountianous land covered with dense undergrowth, 80.16 c s
-
- N. 3' W. bet. secs. 16 and 17.
Ascending over rolling land through dense oak, sage and serviceberry brush and scattering cedar timber.
- 12.00 Hollow, drains SE. asc.
- 20.00 Ridge, bears E. and W.; desc.
- 37.00 Hollow, course W.: asc.
- 40.00 Set a sandstone 18x10x7 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{4}$ on W. face, from which
A cedar 10 ins. in diam., bears N. 19° W. 140 lks.
mkd. $\frac{1}{2}$ S. 17 B. T.
No other bearing trees within the limit. raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
- 41.50 Sandstone ledge and spur projects W.; desc. Leave cedar timber.
- 76.00 Ravine 200 ft. deep, course W. Ascend.
- 80.00 Among boulders, set a sandstone 14x12x10 ins. 10 ins. in ground for cor. of secs. 8, 9, 16 and 17. mkd. with 4 notches on the S. and E. edges, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
Land; rolling.
Soil, sandy. 3rd rate.
Timber, cedar.
Dense undergrowth. 80.00 chs.
-
- E. on random line bet. secs. 9 and 16
40.00 Set temp. $\frac{1}{4}$ sec.
- 80.08 Intersect N. and S. line, 2 lks. N. of the cor. of secs 9, 10, 15 and 16.
Thence I run
N. $89^{\circ}59'$ W. on true line bet. secs. 9 and 16.

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SUBDIVISION OF T. 3 S. R. 9 W. U. S. B. & M

CHAINS.

- Ascending through dense sage, sarvisberry and deer brush
 35.00 Ridgo, bears NW. and SE.; desc.
 40.04 Set sandstone 14x10x5 ins. 10 ins. in the ground for $\frac{1}{4}$
 sec. cor. mkd. $\frac{1}{2}$ on N. face. Dig pits 18x18x12 ins. E.
 and W. of stone 3 ft. dist. and raise a mound of earth
 $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ high N. of cor.
 74.00 Desc. over broken sandstone ledges and boulders.
 80.08 The cor. of secs. 8, 9, 16 and 17.
 Land broken,
 Soil, stony, 3rd rate.
 No timber.
 Dense undergrowth, 80.08 chs.
 June 2, 1904; at this cor. I set off $22^{\circ}13'$ N. decl. arc
 and at 12 h. 2m. 1.m. t. observed the sun on the meridian
 the resulting lat. is $40^{\circ}14'$ N.

N. 3' W. bet. secs. 8 and 9

Over rolling mountainous land, through dense sage, sarvisberry and oak brush.

- 2.00 Spur projects W.; desc.
 8.00 Road in hollow, bears NE. and SW. Hollow drains SW.; as c
 40.00 Set a sandstone 15x12x8 ins. 10 ins in the ground for $\frac{1}{4}$
 sec. cor. mkd. $\frac{1}{4}$ on W face. and raise a mound of stone
 2 ft. base, $1\frac{1}{2}$ ft high W. of cor.
 48.00 Enter scattering cedar timber.
 52.00 Over broken sandstone ledges, bear NW. and SE.
 60.00 Knoll on ridge, bears E. and W.; desc.
 80.00 Set a sandstone 15x12x8 ins. 10 ins. in the ground for
 cor. of secs. 4, 5, 8 and 9. mkd. with 4 notches on the
 E. and 5 notches on the S. edges, and raise a mound of
 stone 2 ft. base, $1\frac{1}{2}$ high W. of cor.
 Land, broken.
 Soil, stony, 3rd rate.

CHAINS

Timber, cedar.

Dense undergrowth. 80.00 chs.

S. $89^{\circ}59'$ E. on random line bet. secs. 4 and 9

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.04 Intersect N. and S. line 14 lks. S. of the cor. of secs. 3, 4, 9 and 10.

Thence I run

"

S. $89^{\circ}55'$ W. on true line bet. secs. 4 and 9
over rolling land through dense sagebrush.

30.00 Draw, course N. 70° E.; asc.

40.02 Set a sandstone 12x10x6 ins. 8 ins in the ground for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{4}$ on N. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft high N. of cor.

54.60 Road, bears NW. and SE.

74.00 Spur projects N. saddle in ridge 6 chs. N., bears E. and W.

Descend.

80.04 Tho cor. of secs. 4, 5, 8 and 9,
Land, rolling.

Soil, clay and sand. 2nd and 3rd rate.

Dense undergrowth. 80.04.

N. $0^{\circ}03'$ W on random line bet. secs. 4 and 5

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.98 Intersect N. bdy. of Tp. 10 lks. E. of the cor. of secs. 4, 5, 32 and 33 previously described.

Thence I run

"

S. $0^{\circ}07'$ E. on true line bet. secs. 4 and 5
Over broken land through dense sage and oak brush.

13.00 Sandstone ledges, bears NW. and SE.

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SUBDIVISION T. 3 S. R. 9 W. U. S. B. & M.

CHAINS

- 59.98 Set a sandstone 20x10x6 ins., 15 ins. in the ground for $\frac{1}{2}$ sec. cor. mkd. $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
- 44.00 Draw, drains W. Asc.
- 55.00 Ridge, bears W. and SE. Descend through scattering timber.
- 57.50 Road bears NW. and SE.
- 59.00 Leave timber.
- 71.50 Ravine 150 ft. deep, course S. 80° W.; asc.
- 79.98 The cor. of secs. 4, 5, 8 and 9
Land mountainous.
Soil, stony clay, 3rd rate.
Timber, cedar.
Dense undergrowth, 79.98 chs.

June 2, 1904.

June 3rd, 1904 at 7 a.m. l.m.t. I set off $40^\circ 11' N.$ on lat. arc; $22^\circ 20' N.$ on decl. arc, and determine a true meridian with the solar at the cor. of secs. 5, 6, 31 and 32 on S. bdy. of Tp. heretofore described.

Thence I run

$N. 0^\circ 04' W.$ bet. secs. 31 and 32

Ascend over mountainous land through dense oak and sage brush.

- 14.00 Top of mountain, ridge bears E. and NW.; descend N. slope of mountain.
- 40.00 Set a sandstone 15x9x8 ins. 10 ins. in the ground for $\frac{1}{2}$ sec. cor. mkd. $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
- 62.00 Enter aspen timber, bears NE. and SW.
- 65.00 Leave aspen timber, bears NE. and SW.
- 80.00 Set a sandstone 16x10x6 ins. 11 ins. in the ground for cor. of secs. 29, 30, 31 and 32 mkd. 1 notch on S. and 5 notches on E. edges, and raise mound of stone 2 ft.

SUBDIVISION OF T 3 S R 9 W. S 1

CHAIN

base, $1\frac{1}{2}$ ft. high W. of cor.

Land, mountianous.

Soil, stony, 3rd rate..

Timber, aspen.

Mountianous land covered with dense undergrowth. 80.00 h

N. $89^{\circ}57'$ E. on random line bet. secs. 29 and 32

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.04 Intersect N. and S. line 7 lks. N. of the cor of secs. 28, 29, 32 and 33

Thence I run

W. on a true line bet. secs. 29 and 32.

Descend over mountianous land through dense sage and oak brush.

2.50 Ravine 300 ft. deep, course NE.; asc.

32.50 Ridge bears NE. and SW.

40.02 Set a sandstone 14x10x6 ins . 10 ins in the ground for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{4}$ on N. face. Dig pits 18x18x12 ins. E. and W. of stone. 3 ft. dist., and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.

70.50 Enter heavy aspen timber, bears N. and S..

73.50 Leave timber, bears N. and S.

80.04 The cor. of secs. 29, 30, 31 and 32

Land, mountianous.

Soil, stony, 3rd rate.

Timber, aspen.

Mountianous land, covered with dense undergrowth, 80.04 chs.

S. $89^{\circ}57'$ W. on random line bet. secs. 30 and 31

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.28 Intersect W. bdy. of Tp.14 lks. S. of the cor. of secs 25, 30, 31 and 36 previously described.

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SURVEYOR'S STATEMENT OF T 3 S R 9 W U S B & M

CHAINS

Thence I run

S. $89^{\circ}57'$ E. on true line bet. secs. 30 and 31 over mountianous land through dense oak, sarvisberry and sage brush.

37.70 Hollow, drains NW.; asc.

39.28 Set a sandstone 16x14x6 ins. 11 ins. in the ground for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{4}$ on N. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ high N. of cor.

79.28 The cor. of secs. 29, 30, 31 and 32

Land, mountianous.

Soil, stony, 3rd rate.

No timber.

Mountianous land covered with dense undergrowth, 79.28 chs.

June 3, 1904, at thds cor. I set off $22^{\circ}21'$ N. on decl. arc and at 12 h. 2m. 1.m. t. observed the sun on the meridian, the resulting lat. is $40^{\circ}12'$ N.

N. $0904'$ W. bet. secs. 29 and 30

Descend N. side of mountian through dense oak, sage and sarvisberry brush.

40.00 Set a sandstone 14x10x6 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{4}$ on W. face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ high W. of cor.

58.00 Deep creek 5 lks. wide flows E. in canon 600 ft. deep; ascend.

59.00 Lower road, Heber to Vernal, bears E. and W.

80.00 Among boulders; set a sandstone 15x10x8 ins. 10 ins. in the ground for cor. of secs. 19, 20, 29 and 30 mkd. with 2 notches on the S.. and 5 notches on E. edges, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.

Land mountianous

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SUBDIVISION 0

CHAINS	Soil, stony, 3rd rate. No timber. Mountianous land covered with dense undergrowth 80.00 ch
40.00	E. on random line bet. secs. 20 and 29 Set temp. $\frac{1}{4}$ sec. cor.
80.14	Intersect N. and S. line 5 lks. S. of the cor. of sec. 20, 21, 28 and 29 Thence I run S. $89^{\circ}58'$ W. on true line bet. secs. 20 and 29 Descend through heavy young aspen.
13.20	Deep creek, 8 lks. wide, course N. E. in canon 600 ft. deep, leave aspen timber, enter dense sage and sarvis- berry brush, bears NW. and SE.
15.75	Lower road Heber to Vernal, bears NE. and SW.: asc. along broken slope of canon.
36.60	Descend.
40.07	Land subject to slide, $\frac{1}{4}$ sec. cor is not set.
41.50	Set a sandstone 15x10x6 ins. 10 ins. in the ground for W. C. to $\frac{1}{4}$ sec. cor. mkd. W. C. $\frac{1}{4}$ on N. face, and raise mound of stone 2ft. base, $1\frac{1}{2}$ ft. high N. of cor.
43.00	Ascend.
80.14	The cor. of secs. 19, 20, 29 and 30 Land, mountianous.. Soil stony, 3rd and 4th rate. Timber, aspen. Mountianous land covered with dense undergrowth 80.14 ch
	June 3, 1904.
	June 4th, 1904 at 7 a.m. l.m.t. I set off $40^{\circ}12'$ N. on Lat. arc $22^{\circ}27'$ N. on decl. arc, and determine a true meridian with the solar, at the cor. of secs. 19, 20, 29 and 30.

SUBDIVISION OF T 7 S R 9 W U S R 2 M

CHAINS

- Thence I run
N. $89^{\circ}57'$ W. on random line bet. secs. 19 and 30.
- 40.00 Set temp. $\frac{1}{4}$ cor.
- 79.18 Intersect W. bdy. of Tp. 9 lks. N. of the cor. of secs. 19, 24, 25 and 30.
Thence I run
N. $89^{\circ}59'$ E. on true line bet. secs. 19 and 30.
Descend through dense sage, oak and sarvisberry brush over mountainous land.
- 39.18 300 ft. above creek. set a sandstone 18x12x4 ins. 12 ins in the ground for $\frac{1}{4}$ sec. cor. mkd $\frac{1}{2}$ on N. face, and raise a mound of stone 3 ft. base, $1\frac{1}{2}$ high N. of cor.
- 53.00 Ravine 800 ft. deep, course, S.; asc.
- 73.00 Spur projects S.; desc.
- 79.18 The cor. of secs. 19, 20, 29 and 30
Land mountainous
Soil, stony, 3rd rate.
No timber.
Mountainous land covered with dense undergrowth 79.18 chs
-
- N. $0^{\circ}04'$ W. bet. secs. 19 and 30.
Ascend over broken ledges through dense artemesa.
- 2.50 Leave ledges, bears E. and W. over rolling land.
- 40.00 Set a sandstone 20x6x4 ins. 15 ins in the ground for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{2}$ on W face, and raise mound of stone 2 ft. base, $1\frac{1}{2}$ high W. of cor.
- 52.00 Ridge, bears NW. and SE.; Descend.
- 80.00 Set sandstone 16x10x6 ins. 11 ins. in the ground for cor secs. 17, 18, 19 and 20 mkd. 3 notches on S. 5 notches on E. edges, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
Land, mountainous.
Soil, stony, 3rd rate.
No timber.

SUBDIVISION OF T. 3 S R 9 W S

CHAINS

Mountianous land covered with dense undergrowth, 80.00 chs

N. 89°58' E. on random line bet. secs. 17 and 20

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.18 Intersect N. and S. line 2 lks. N. of the cor of secs.
16, 17, 20 and 21

Thence I run

S. 89°59' W. on true line bet. secs. 17 and 20
over mountianous land through dense sage and oak brush
and scattering cedar timber.

13.60 Sandstone ledges, bear N. 80° W. and S. 80° E.

Descend over broken ledges...

33.50 Current creek 15 lks. wide, flows SE. in canon 400 ft..
deep, cottonwood and willows in bottom. Leave ledges,
asc.

40.09 Walks on steep slope, land subject to slide. $\frac{1}{4}$ sec. cor.
at set.

45.00 Top of steep ascent, bears NW. and SE. Set a sandstone
4x12x6 ins. 10 ins. in the ground for W. C. to $\frac{1}{2}$ sec.
or. mkd. W. C. $\frac{1}{4}$ on N. face, and raise a mound of stone
ft. base, $1\frac{1}{2}$ ft. high N. of cor.

80.18 The cor. of secs. 17, 18, 19, and 20.

Land mountainous.

Soil stony, 3rd and 4th rate.

Timber, cedar.

Mountianous land covered with dense undergrowth. 80.18
chs.

S. 89°59' W. on random line bet. secs. bet. 18 and 19

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.07 Intersect W. bdy. of tp. 7 lks. S. of the cor. of secs.
13, 18, 19 and 24 previously described.

Thence I run.

S. 89°58' E. on true line bet. secs. 18 and 19

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SUBDIVISION OF T. 3. S. R. 9 W. U. S. B. & M.

CHAINS

- Over mountainous land through dense sage brush.
- 8.50 Ravine 75 ft. deep, course S.; ascend.
- 39.07 Set a sandstone 16x10x5 ins. 11 ins. in the ground for $\frac{1}{4}$ sec. cor. mkd $\frac{1}{4}$ on N. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
- 42.00 Upper road Heber to Vernal, bears NE. and SW. Road passes through saddle 6 chs. NE.
- 55.00 Ridge, bears NW. and SE.
- 79.07 The cor. of secs. 17, 18, 19 and 20.
Land mountainous.
Soil, stony, 3rd rate.
No timber.
Mountainous land covered with dense undergrowth, 79.07 ch.

June 4, 1904; at this cor. I set off $22^{\circ}28'$ N. on decl arc and at 12h. 2 m. l.m.t. observed the sun on the meridian the resulting lat. $40^{\circ}15'$ N.

N. $0^{\circ}04'$ W. bet. secs. 17 and 18

Descending over mountainous land through dense oak and sage brush.

- 10.00 Ravine 150 ft. deep, course E.; asc.
- 13.00 Sandstone ledges, 20 ft. high, bear E. and W.
- 24.00 Spur projects E.; desc.
- 29.50 Upper road, Heber to Vernal, bears W. and NE.
- 36.50 Draw, drains NE.; asc.
- 37.20 Sandstone ledge 20 ft. high, bears E. and W.
- 40.00 Set a sandstone 16x8x6 ins. 11 ins. in the ground for $\frac{1}{4}$ sec. cor. mkd $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ high W. of cor.
- 45.00 Spur projects E. descends.
- 49.00 Ravine 500 ft. deep, course E.; asc.

S VISTO F M T

CHAINS.

- 57.50 Top of ledges, 250 ft. high, bears N. 30° E. and S. 30° W.
- 61.40 Abrupt descent.
- 73.00 Foot of steep descent over bottom land through dense willows, bears NW. and SE.
- 77.25 Ford in creek, road bears NW. and SE. Currant Creek 15 lks. wide, flows SE. in canon 600 ft. deep. Leave willows.
- 80.00 Set a sandstone 16x8x8 ins. 11 ins. in the ground for cor secs. 7, 8, 17 and 18 mkd. 5 notches on E. and 4 on S. edges and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft high W. of cor.
- Land, mountainous,
- Soil, stony, 4th rate.
- No timber.
- Mountainous land covered with dense undergrowth 80.00 chs.

N. $89^{\circ}59'$ E. on random line bet. secs. 8 and 17

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.12 Intersect N. and S. line, 2 lks. S. of the cor. secs. 8, 9, 16 and 17
- Thence I run
- S. $89^{\circ}58'$ W. on true line bet. secs. 8 and 17
- Descend through dense sage and oak brush over mountainous land.
- 9.50 Upper road, Heber to Vernal, bears NE. and SW. in hollow drains SW.: asc.
- 16.00 Spur covered with boulders, projects S.; desc.
- 40.06 Set a sandstone 18x12x5 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{4}$ on N. face, from which a lone cedar tree 12 ins. in diam., bears N. 73° E. 29 lks. dist.
- mkd. $\frac{1}{4}$ S. 8 B. T.

SUBDIVISION T. S. R. OWNERSHIP

CHAINS.

- Raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.
sandstone ledge 10 ft. high bears N. and S.
- Road in ravine 300 ft. deep, course SW.; descend.
- Spur projects S.; desc.
- The cor. of secos. 7, 8, 17 and 18.
- Land, mountainous,
- Soil, stony, 3rd rate.
- No timber.
- Mountainous land covered with dense undergrowth. 80.12
obs.
-
- N. $39^{\circ}58'W.$ on a random line, bet. secos. 7 and 18
- Set. temp. $\frac{1}{2}$ sec.cor.
- Intersect W.bdy. of Tp. 18 lks. N. of the cor. of secos. 7, 12, 1
13 and 18,
- Thence I run
- N. $39^{\circ}54'E.$ on true line bet. secos. 7 and 18
- Descend over mountainous land, through dense oak, sage and
deer brush.
- Set a sandstone 10x8x8 ins. 7 ins. in the ground for $\frac{1}{2}$ sec.
cor. marked $\frac{1}{2}$ on the N. face and raise a mound of stone, 2
ft. base, $1\frac{1}{2}$ ft. high N. of cor.
- Current creek, 20 lks. wide, flows S.E. in canon 500 ft. deep
willows in bottom.
- Old road, bears N.W. and S.E.
- The corner of sections 7, 8, 17 and 18.
- Land, mountainous,
- Soil, stony, 3rd. rate.
- No timber,
- Mountainous land covered with dense undergrowth 79.26
obs.

June 4th., 1904.

June 5th., 1904 at 7 a.m.l.m.t., I got off 40°14'U. on lat. arc

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SUBDIVISION T.5.S. R.9W. U S B. & M.

- 22°34' N on decl. arc, and determine a true meridian with the solar at the cor of secs. 7, 8, 17 and 18.
 Thence I run N.0°04' W. bet. secs. 7 and 8
 Asc. over mountainous land through dense sage brush.
 40.00 Set a sand stone 24X10X6ins 18 ins. in the ground for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{4}$ on W. face and raise a mound of ston 2 ft. base $1\frac{1}{2}$ ft. high W. of corner, on top of sand stone ledges bear E. and W.
 55.00 Ridge bears E. and W. desc.
 80.00 Set a sand stone 24X8X5 ins. 18 ins. in the ground for cor. of secs. 5, 6, 7, and 8 mkd. with five notches on S. and E. edges, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
 Land mountainous,
 Soil, stony, 3rd. rate,
 No timber.
 Mountainous land covered with dense undergrowth, 80.00 c s.
 40.00 N. 89° 58' E. on random line bet. secs. 5 and 8.
 40.00 Set temporary $\frac{1}{4}$ sec. cor..
 79.90 Intersect N. and S. line 9 lks N. of the cor. of secs. 4, 5, 8 and 9,
 Thence I run
 N. 89° and 58' W. on true line bet secs. 5 and 8
 Desc. over mountainous land through dense sage , deer and sarvis berry brush.
 26.60 Ravine, 25oft. below corner, course S.W. Ascend.
 30.25 Old road bears N.E. and S.W.
 39.95 Spur projects S. set sand stone 20X10X8ins.15ins.in the ground for $\frac{1}{4}$ sec.cor.; mkd. $\frac{1}{4}$ on N.face; raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.
 46.95 Ravine 175 ft. deep, course south, ascend.
 61.00 Ridge, bears N. and S. descend.
 79.90 The cor. of secs. 5, 6, 7, and 8.
 Land mountainous;

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SUBDIVISION T. 3. S. R 9W. U.S.B. & R.

Soil stony, 3rd. rate,
No timber.

Mountainous land covered with dense undergrowth.
79.90 chs.

24

S. $89^{\circ}54'$ W. on random line bet. secs. 6 and 7.

40.00 Set temporary $\frac{1}{4}$ sec. cor.

79.04 Intersect W. bdy. of tp. 25 lks. S. of the cor. of secs. 1, 6, 7 and 12. previously described.

Thence I run

S. $89^{\circ}55'$ E. on true line bet. secs 6 and 7.

Descend over mountainous land trough dense sage brush.

29.00 Current Creek 50 lks wide, course S. 30° E. Canon 500 ft. deep, ascend.

31.00 Road, bears N.W. and S. E.

33.00 Leave bottom, ascend over broken land, bears N. and S.

39.04 Set a sand stone 12X8X6 ins. 8 ins. in ground for
quar. sec. cor. mkd. $\frac{1}{4}$ on N. face and raise mound of
stone 2ft. base $1\frac{1}{2}$ ft. high N. of cor.

Abrupt ascent over broken sand stone ledges, bear N.
and S.

43.00 Spur, projects S.W. descend.

66.00 Ravine 300 ft. deep, course S.W., ascend.

79.04 The cor. of secs. 5, 6, 7, and 8.

Land mountainous,

Soils stony, 2nd. and 3rd. rate.

No timber.

Mountainous land and dense undergrowth.

79.04 chs.

June 5th., 1904. At this cor. I set off $32^{\circ}34'$ N. on
decl. arc, and at 12 h. 2 p.m l.m.t. observe the sun on
the mer. the resulting lat. $40^{\circ} 15' N.$

N. $4'$ W. on random line bet. secs 5 and 6,

Subdivision T. 3 S. R. 9W. U. S. B. and M.

chains

40.00 Set temp. quar. sec. cor.

79.98 Intersect N. bdy. of Township, 15 lks. E. of the cor. of secs. 5, 6 31 and 32, previously described, Thence I run,

S. $0^{\circ} 10'$ E. on true line, bet. secs. 5 and 6 descend over broken mountainous land through dense sage and oak brush,

25.00 Ravine 400 ft. deep, course S.W.

39.98 Set a sand stone 16X9X5 ins. 11 ins. in the ground for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{4}$ on W. face, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.

44.00 Enter scattering cedar timber.

67.75 Ravine 200 ft. deep, course S.W., leave cedar timber, ascend.

79.98 The corner of secs. 5, 6, 7, and 8.

Land mountainous,

Soil, stony, 3rd. rate,

Timber, Cedar.

Mountainous land covered with dense undergrowth, 79.98 chs.

June 5th., 1904.

General Description.

This Township is composed of mountainous and rolling land. The south portion is high and rugged, and is covered with a dense growth of sage, oak, deer and service berry brush, with groves of Aspen and Cedar timber. The northern portion is covered with sage, oak and deer brush and a scattering growth of cedar timber. The soil is generally stony, sandy, and clay, but does not lay even enough for agricultural land. There is an abundance of water flowing in Currant Creek which is not used. Deep Creek is a small but perpetual stream.

SUBDIVISION T.3.S. R.9W. U. S. B. &M.

Good grasses grow throughout the Township and is good grazing land. There is no mineral or settlers in the township.

Hubert D. Rygby

U. S. Deputy Surveyor.

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.**LIST OF NAMES.**

A list of the names of the individuals employed by _____

_____, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____

showing the respective capacities in which they acted:

_____, *Chainman.*

_____, *Chainman.*

For final affidavits see book "S" T.1 S.R.10 W. _____, *Moundman.*

_____, *Moundman.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____

_____, United States Deputy Surveyor, in surveying all those parts or portions of the _____

of the _____

meridian, _____ of _____, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey as been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for _____

For final affidavits see book "S" T.1 S.R.10 W. _____, *Chainman.*

_____, *Chainman.*

_____, *Moundman.*

_____, *Moundman.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

Subscribed and sworn to before me this _____
day of _____, 189 _____ }



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I,

United States Deputy Surveyor, do

solemnly swear that, in pursuance of a contract received from
 United States Surveyor General for bearing date of the
 day of 189 , I have well, faithfully, and truly, in my own
 proper person, and in strict conformity with the instructions furnished by the United States Surveyor
 General for the Manual of Surveying Instructions, and the laws of the
 United States, surveyed all those parts or portions of
 For final officiality see book "S. T. I. S. R. 10. T."

of the

..... meridian, in the of which are represented in the
 foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly
 swear that all the corners of said survey have been established and perpetuated in strict accordance with
 the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor
 General for and in the specific manner described in the field notes, and that
 the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer
 the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

United States Deputy Surveyor

Subscribed by said and sworn to before me }
 this day of , 189 }

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0 SEAL
000000

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL.

Salt Lake City, Utah, December 20, 1904.

The foregoing field notes of the survey of the Subdivision of Township No. 3
 South, Range 6, East, of the Cimarron Special Base and Meridian, Utah,

executed by Hubert L. D. Page and Lyons Kernhaz
 under contract No. 272, dated July 22, 1903, No. 448, having been
 critically examined, and the necessary corrections and explanations made, the said field notes, and the
 entries they describe, are hereby approved.

E. W. G. Anderson
United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described survey is in
 has been correctly copied from the original notes on file in this office.

United States Surveyor General